



WIR ÖFFNEN
WELTEN >

NEW

FRONT-DOOR STATION
CONFIGURATOR

> P. 34



2020/2021
DOOR + BUILDING
COMMUNICATION

MADE IN GERMANY > WWW.TCSAG.DE



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TCS

800

PRODUCTS IN ASSORTMENT

350

EMPLOYEES

in Germany and in
Subsidiaries

1.500.000

Indoor stations sold
since 1995

570.000

Front-Door stations sold
since 1995

2.800

Flats in the largest TCS project

2.000 m²

PRODUCTION AREA

in Germany



PREPARED FOR THE WORLD OF TOMORROW

The new era has already begun at TCS. Digital technologies allow buildings to be used and operated in a completely different way. TCS meets the increasing requirements as a manufacturer and also as a provider of comprehensive solutions for intelligent networked buildings. TCS thus opens up completely new possibilities for planners, architects, electricians, users and operators.

SERVICE FROM PERSON TO PERSON

THE TECHNICAL SERVICE-HOTLINE

SERVICE OFFERS

Offers with performance index
and schematic

Wide range of preconfigured systems

Service device and software configo for
easy installation and commissioning

Fast RMA (Return Merchandise
Authorization) processing in case of service

3D configurator for individual
outdoor stations

Advising on the conclusion of
maintenance contracts

Service from person to person. We advise you individually and plan systems according to your specifications. During your installation or commissioning you can reach us within minutes, too.

Exchange at eye level

We will certainly find the right answers to your questions. Our technicians will give you immediate assistance from the hotline. You understand your craft and have plenty of tips and tricks on products for you.

Time Saving Made Easy

With TCS, you can optimally implement your projects. Because with pre-configured products, we simplify and speed up your work steps.

System solutions with a Plus of advantages

Even when planning, the value of a property can be sustainably increased. TC-S:PLUS systems for networked buildings ensure this. With them, for example, systems for access and information can be easily configured via software. For a smooth project process, electrical planners are supported by TCS experts at all stages — whether by mail, hotline or on-site on the construction site.

TECHNICAL SUPPORT

+49 4194 9881-188

Mon — Fri from 8 am to 5 pm
hotline@tcsag.de

PROJECT PLANNING AND OFFERS

+49 4194 9881-166

Mon — Fri from 8 am to 5 pm
offer@tcsag.de

OUR DOORS ARE ALWAYS OPEN TO MEET YOUR REQUIREMENTS

OUR PRODUCT RANGE

FRONT DOOR STATIONS

AUDIO/VIDEO



SERIES ASX TCS:BUS > P.10	SERIES PAK TCS:BUS > P.11	SERIES PES/PDS TCS:BUS > P.12	SERIES PUK TCS:BUS > P.14	SERIES ASI TCS:BUS > P.16 TCS:IP > P.76	SERIES AVC TCS:BUS > P.17 TCS:V2W > P.64	SERIES AVE/AVD TCS:BUS > P.18 TCS:IP > P.74
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INDOOR STATIONS

AUDIO/VIDEO



DOOR PHONE AND SPEAKERPHONE TCS:BUS > P.44	SERIES TASTA AUDIO TCS:BUS > P.46 TCS:IP > P.75	SERIES IMM TCS:BUS > P.48	VIDEO DOOR PHONE TCS:BUS > P.49 TCS:V2W > P.49	SERIES TASTA VIDEO TCS:BUS > P.50 TCS:IP > P.50 TCS:V2W > P.50	CARUS ORIGO TCS:BUS > P.52
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SETS + PACKS

ONE- AND TWO-FAMILY HOMES	MULTI-FAMILY HOMES
 <p>EASY:PACKS TCS:V2W > P.64</p>	 <p>PRE:PACKS AUDIO TCS:BUS > P.66</p>

NEW! FOR UP TO 20 FLATS



SERIES AVU/ASN/AVN
TCS:BUS > P.20
TCS:IP > P.72



SERIES CARUS IRIS
TCS:BUS > P.22



SERIES AMI
TCS:BUS > P.24



SERIES ADX5
TCS:BUS > P.33



SERIES CARUS ARGOS
TCS:IP > P.70



ACCESS CONTROL
> P.78



SKY
TCS:BUS > P.54



CARUS PENTA
TCS:BUS > P.56



VIDEO TERMINAL
TCS:BUS > P.57



SKYLINE:TEN BASIC
TCS:BUS > P.58



CARUS HABERA
TCS:BUS > P.60

MULTI-FAMILY HOMES



VIDEO:PACKS
TCS:BUS > P.65

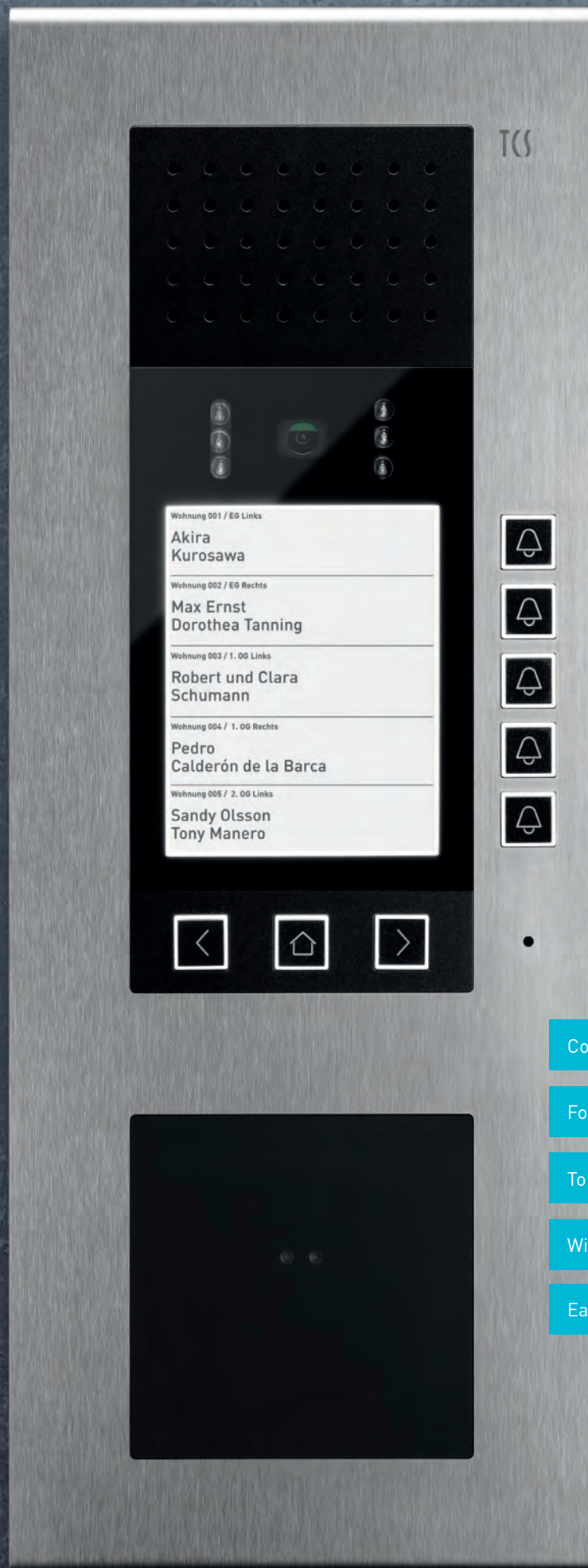
ACCESS CONTROL



CODE:PACK
TCS:BUS > P.81



KNOB CYLINDERS
TCS:BUS > P.83



TCS

Wohnung 001 / EG Links

Akira
Kurosawa

Wohnung 002 / EG Rechts

Max Ernst
Dorothea Tanning

Wohnung 003 / 1. OG Links

Robert und Clara
Schumann

Wohnung 004 / 1. OG Rechts

Pedro
Calderón de la Barca

Wohnung 005 / 2. OG Links

Sandy Olsson
Tony Manero



Compact

For all types of installation

To be opened securely

With chrome-plated bell buttons

Easy to maintain

FRONT DOOR STATIONS

TCS:BUS

AUDIO DOORSTATION	10
Series ASX	Up to 6 flats Surface-mount 10
Series PAK	Up to 8 flats Surface-mount 11
Series PES/PDS	Up to 20 flats Surface-mount 12
Series PUK	Up to 30 flats Flush-mount 14
Series TCU Audio	Up to 208 flats Build-in 16

VIDEO DOORSTATION	17
Series AVC	Up to 3 flats Surface-mount 17
Series AVE/AVD	Up to 16 flats Surface-mount 18
Series AVU	Up to 24 flats Flush-mount 20
Series Carus IRIS	Up to 3 flats Surface-mount 22
Series ADX5 Video New	Up to 35 flats Surface-mount/UP/EM 32

AUDIO AND VIDEO DOORSTATION	24
Series AMI	Up to 1.000 flats Flush-mount 24

TCS:IP

AUDIO DOORSTATION	72
Series ASN	Up to 30 flats Flush-mount 72
Series TCU IP Audio	Up to 260 flats Build-in 76

VIDEO DOORSTATION	70
Series Carus ARGOS	Up to 1.000 flats Surface-mount 70
Series AVN	Up to 30 flats Flush-mount 72
Series AVD IP	Up to 4 flats Surface-mount 74

SMALL SIZE FOR SMART TALK SERIES ASX

This super-slim front door station resembles a Smartphone in its dimensions. Thus, it can be mounted even on small door soffits or fence posts. The bell push-button bears the name plate, which is illuminated and can be labelled easily. This station is perfect to upgrade an already existing bell push-button.



50 mm wide

Ultra-compact design

For up to 6 flats

Minimum height of surface-mount of only 16 mm

Name plate labelling

Backlit with energy-saving LEDs

Weather protection roof

In anodised aluminium

2-wire operation possible

FRONT DOOR STATIONS 1–6 BUTTONS

	HxWxD in mm	Price	Article no.
1 button, anodised natural	99 x 50 x 16	306,00 €	ASX13001-0010
2 buttons, anodised natural	99 x 50 x 16	322,00 €	ASX13002-0010
3 buttons, anodised natural	139 x 50 x 16	338,00 €	ASX13003-0010
4 buttons, anodised natural	139 x 50 x 16	354,00 €	ASX13004-0010
5 buttons, anodised natural	179 x 50 x 16	370,00 €	ASX13005-0010
6 buttons, anodised natural	179 x 50 x 16	386,00 €	ASX13006-0010

A FLAT DESIGN FITS TO ANY SURFACE

SERIES PAK

Thanks to their narrow dimensions it is recommended to use the series PAK for entrance areas with little space. Due to their low height of surface-mount it almost appears to be on the same level like the brickwork. Its width equals half a clinker brick. Thus, a front-door station can be mounted discreetly to the architecture.



> Also available as video variant > P. 17

For up to 8 flats

Minimum height of surface-mount of only 16 mm

Can be opened without screws by patented application win:clip™

Name plates made of shatterproof acrylic glass

Namenplates illuminated with energy-saving LEDs

Timeless design

Robust aluminium

Anodised natural

FRONT DOOR STATIONS 1–8 BUTTONS

	H x W x D in mm	Price	Article no.
1 button, anodised natural	153 x 104 x 16	299,00 €	PAK01-EN
2 buttons, anodised natural	153 x 104 x 16	315,00 €	PAK02-EN
3 buttons, anodised natural	153 x 104 x 16	331,00 €	PAK03-EN
4 buttons, anodised natural	153 x 104 x 16	347,00 €	PAK04-EN
5 buttons, anodised natural	175 x 104 x 16	363,00 €	PAK05-EN
6 buttons, anodised natural	197 x 104 x 16	379,00 €	PAK06-EN
7 buttons, anodised natural	219 x 104 x 16	395,00 €	PAK07-EN
8 buttons, anodised natural	241 x 104 x 16	411,00 €	PAK08-EN

BUTTON ARRANGEMENT SERIES PES/PDS

Many bell buttons can fit into the smallest spaces. This provides the series PES. Bell buttons and name plates are compactly arranged. Thus, the series is also suitable for apartments or commercial buildings with left and right staircases. Thanks to a monolithic design and prewiring the installation is simple and time-saving.



> Also available as video variant > P. 18

For up to 20 flats

Bell button extensions
PDT and PET for up to
132 flats available

Minimum height of surface-
mount of only 20 mm

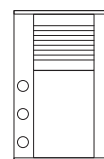
Namenplates illuminated
with energy-saving LEDs

Extra large name plates
for up to 3 flats

Timeless design

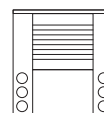
Robust aluminium

Anodised natural, anodised
bronze or painted white



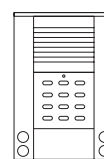
FRONT DOOR STATIONS PDS

1 – 3 BUTTONS	HxWxD in mm	...EN Price	...WS Price	...EB Price	Article no.
1 button, white illumination	166 x 135 x 20	329,00 €	367,00 €	394,00 €	PDS01-.../04
2 buttons, white illumination	166 x 135 x 20	344,00 €	382,00 €	409,00 €	PDS02-.../04
3 buttons, white illumination	204 x 135 x 20	359,00 €	397,00 €	424,00 €	PDS03-.../04



FRONT DOOR STATIONS PES

4 – 20 BUTTONS	HxWxD in mm	...EN Price	...WS Price	...EB Price	Article no.
4 buttons, white illumination	128 x 135 x 20	381,00 €	420,00 €	449,00 €	PES04-.../04
6 buttons, white illumination	147 x 135 x 20	413,00 €	452,00 €	481,00 €	PES06-.../04
8 buttons, white illumination	166 x 135 x 20	445,00 €	484,00 €	513,00 €	PES08-.../04
10 buttons, white illumination	185 x 135 x 20	477,00 €	516,00 €	545,00 €	PES10-.../04
12 buttons, white illumination	204 x 135 x 20	509,00 €	548,00 €	577,00 €	PES12-.../04
14 buttons, white illumination	223 x 135 x 20	541,00 €	580,00 €	609,00 €	PES14-.../04
16 buttons, white illumination	242 x 135 x 20	573,00 €	612,00 €	641,00 €	PES16-.../04
18 buttons, white illumination	261 x 135 x 20	605,00 €	644,00 €	673,00 €	PES18-.../04
20 buttons, white illumination	280 x 135 x 20	637,00 €	676,00 €	705,00 €	PES20-.../04



FRONT DOOR STATIONS WITH CODELOCK ASD/ASE

1 BUTTON AND 4 – 16 BUTTONS	HxWxD in mm	Price	Article no.
1 button, anodised natural	242 x 135 x 20	864,00 €	ASD51010-0010
4 buttons, anodised natural	204 x 135 x 20	934,00 €	ASE51040-0010
6 buttons, anodised natural	223 x 135 x 20	966,00 €	ASE51060-0010
8 buttons, anodised natural	242 x 135 x 20	998,00 €	ASE51080-0010
10 buttons, anodised natural	261 x 135 x 20	1.030,00 €	ASE51100-0010
12 buttons, anodised natural	280 x 135 x 20	1.062,00 €	ASE51120-0010
14 buttons, anodised natural	299 x 135 x 20	1.094,00 €	ASE51140-0010
16 buttons, anodised natural	318 x 135 x 20	1.126,00 €	ASE51160-0010

Colours | Material: ...EN anodised natural, ...WS white lacquered, ...EB anodised bronze
 Design ...EN available ex stocks. Subject to intermediate sales | ...WS, ...EB with delivery time upon request

FORM AND FUNCTION COMBINED SERIES PUK

Timeless design and modern technology at eye level. The discreet optics of the series PUK integrates seamlessly into the architecture – thanks to continuous front plates made of aluminium or stainless steel. They don't have any visible screws which prevents them from being disassembled.



- > Also available as video variant > P. 20
- > Also available as IP front door station > P. 72

For up to 30 flats

Flush-mount

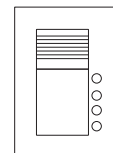
Can be opened without screws by patented win:clip™

Name plates illuminated with energy-saving LEDs

Timeless design

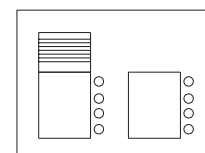
Aluminium or stainless steel

Can be planned individually



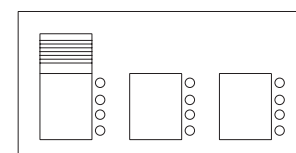
FRONT DOOR ST. 1 – 10 BUTTONS ONE COLUMN

	front plate H x W x D in mm	flush-mount box H x W x D in mm	...EN Price	...WS Price	...EB Price	...ES Price	Article no.
1 button	208 x 150 x 3	159 x 126 x 40	338,00 €	440,00 €	468,00 €	514,00 €	PUK01/1-...
2 buttons	208 x 150 x 3	159 x 126 x 40	354,00 €	456,00 €	484,00 €	530,00 €	PUK02/1-...
3 buttons	208 x 150 x 3	159 x 126 x 40	370,00 €	472,00 €	500,00 €	546,00 €	PUK03/1-...
4 buttons	208 x 150 x 3	159 x 126 x 40	386,00 €	488,00 €	516,00 €	562,00 €	PUK04/1-...
5 buttons	230 x 150 x 3	181 x 126 x 40	402,00 €	504,00 €	532,00 €	578,00 €	PUK05/1-...
6 buttons	252 x 150 x 3	203 x 126 x 40	418,00 €	520,00 €	548,00 €	594,00 €	PUK06/1-...
7 buttons	274 x 150 x 3	225 x 126 x 40	434,00 €	536,00 €	564,00 €	610,00 €	PUK07/1-...
8 buttons	296 x 150 x 3	247 x 126 x 40	450,00 €	552,00 €	580,00 €	626,00 €	PUK08/1-...
9 buttons	318 x 150 x 3	269 x 126 x 40	466,00 €	568,00 €	596,00 €	642,00 €	PUK09/1-...
10 buttons	340 x 150 x 3	291 x 126 x 40	482,00 €	584,00 €	612,00 €	658,00 €	PUK10/1-...



FRONT DOOR ST. 8 – 20 BUTTONS TWO COLUMNS

	front plate H x W x D in mm	flush-mount box H x W x D in mm	...EN Price	...WS Price	...EB Price	...ES Price	Article no.
8 buttons	208 x 274 x 3	159 x 250 x 40	510,00 €	736,00 €	764,00 €	887,00 €	PUK08/2-...
10 buttons	230 x 274 x 3	181 x 250 x 40	558,00 €	784,00 €	812,00 €	935,00 €	PUK10/2-...
12 buttons	252 x 274 x 3	203 x 250 x 40	606,00 €	832,00 €	860,00 €	983,00 €	PUK12/2-...
14 buttons	274 x 274 x 3	225 x 250 x 40	654,00 €	880,00 €	908,00 €	1.031,00 €	PUK14/2-...
16 buttons	296 x 274 x 3	247 x 250 x 40	702,00 €	928,00 €	956,00 €	1.079,00 €	PUK16/2-...
18 buttons	318 x 274 x 3	269 x 250 x 40	750,00 €	976,00 €	1.004,00 €	1.127,00 €	PUK18/2-...
20 buttons	340 x 274 x 3	291 x 250 x 40	798,00 €	1.024,00 €	1.052,00 €	1.175,00 €	PUK20/2-...



FRONT DOOR ST. 12 – 30 BUTTONS THREE COLUMNS

	front plate H x W x D in mm	flush-mount box H x W x D in mm	...EN Price	...WS Price	...EB Price	...ES Price	Article no.
12 buttons	208 x 398 x 3	159 x 374 x 40	913,00 €	1.140,00 €	1.168,00 €	1.291,00 €	PUK12/3-...
15 buttons	230 x 398 x 3	181 x 374 x 40	985,00 €	1.212,00 €	1.240,00 €	1.363,00 €	PUK15/3-...
18 buttons	252 x 398 x 3	203 x 374 x 40	1.057,00 €	1.284,00 €	1.312,00 €	1.435,00 €	PUK18/3-...
21 buttons	274 x 398 x 3	225 x 374 x 40	1.129,00 €	1.356,00 €	1.384,00 €	1.507,00 €	PUK21/3-...
24 buttons	296 x 398 x 3	247 x 374 x 40	1.201,00 €	1.428,00 €	1.456,00 €	1.579,00 €	PUK24/3-...
27 buttons	318 x 398 x 3	269 x 374 x 40	1.273,00 €	1.500,00 €	1.528,00 €	1.651,00 €	PUK27/3-...
30 buttons	340 x 398 x 3	291 x 374 x 40	1.345,00 €	1.572,00 €	1.600,00 €	1.723,00 €	PUK30/3-...

Colours | Material: ...EN anodised natural, ...WS painted white, ...EB anodised bronze, ...ES stainless steel grinded
Design ...EN available ex stocks. Subject to intermediate sales | ...WS, ...EB, ...ES with delivery time upon request.

DOOR COMMUNICATION BEHIND THE SCENES SERIES ASI

The ears hear everything. The eyes see nothing. The built-in door loudspeaker of the series ASI was especially designed for installation behind the loudspeaker cover. Thus, an electric bell system – for example with historic letterboxes – can be upgraded while the existing design remains the same.



For up to 208 bell buttons

High volume for loud environments

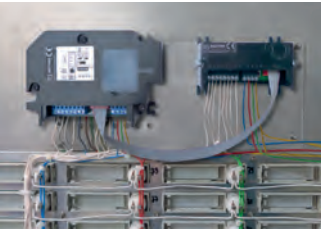
Microphone can be separated

Resistant against feedbacks

Status indication during installation and maintenance

Suitable for the series KTU

INSTALLATION



Installation behind fronts and in letterboxes
The built-in door loudspeaker can be used in many ways. Please use the installation instruction with correct installation recommendations behind fronts and in letterboxes by ...

- > Renz
- > JU
- > Lippert
- > Max Knobloch



Built-in door loudspeaker for up to 16 buttons



Bell button extension for the built-in door loudspeaker for up to 208 buttons

	HxWxD in mm	Price	Article no.
Built-in door loudspeaker for up to 16 keys	78 x 110 x 30	168,00 €	ASI12000-0000
Bell button extension for up to 32 bell buttons	56 x 88 x 30	113,00 €	ASI21000-0000

FOR AN EXCELLENT POINT OF VIEW SERIES AVC

The world from the house's perspective. This is what the series AVC shows with its integrated video camera. Thanks to its compact dimensions it is ideal for one-family homes and narrow door soffits.



For up to 3 flats

Compact dimensions

Can be opened without screws
by the patented win:clip™

Name plates made of shatter-
proof acrylic glass

LED name plate field
ambient light controlled

Minimum height of surface-
mount of only 16 mm

VIDEO FRONT DOOR STATIONS 1–3 BUTTONS

	HxWxD in mm	Price	Article no.
1 button, anodised natural, TCS:BUS	175 x 104 x 16	636,00 €	AVC11010-0010
2 buttons, anodised natural, TCS:BUS	175 x 104 x 16	651,00 €	AVC11020-0010
3 buttons, anodised natural, TCS:BUS	175 x 104 x 16	666,00 €	AVC11030-0010
1 buttons, anodised natural, TCS:V2D	175 x 104 x 16	636,00 €	AVC12010-0010
2 buttons, anodised natural, TCS:V2D	175 x 104 x 16	651,00 €	AVC12020-0010
3 buttons, anodised natural, TCS:V2D	175 x 104 x 16	666,00 €	AVC12030-0010

EXTENDED IMAGE CAPTURE SERIES AVE/AVD

Fully displayed in the picture. The series AVE is the video version of the series PES. A flush-integrated colour camera provides comfort and safety. It captures an angle of 130 degrees. Due to an infrared mode it is perfectly suitable as a door viewer in the dark.



> Also available as
IP front door station > P. 74

For up to 16 flats

Extendable up to 128 flats

Camera with infrared mode
for good night vision

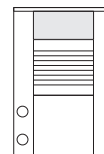
Name plates illuminated with
energy-saving LEDs

Extra large name plates
up to 3 flats

Timeless design

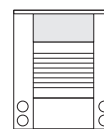
Robust aluminium

Anodised natural, anodised
bronze or white lacquered



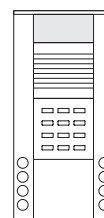
VIDEO FRONT DOOR STATIONS 1 – 3 BUTTONS

	HxWxD in mm	...10 Price	...18 Price	...12 Price	Article no.
1 button, white illumination	204 x 135 x 20	764,00 €	820,00 €	832,00 €	AVD14013-00...
2 buttons, white illumination	204 x 135 x 20	779,00 €	835,00 €	847,00 €	AVD14023-00...
3 buttons, white illumination	242 x 135 x 20	794,00 €	850,00 €	862,00 €	AVD14033-00...



VIDEO FRONT DOOR STATIONS 4 – 16 BUTTONS

	HxWxD in mm	...10 Price	...18 Price	...12 Price	Article no.
4 buttons, white illumination	166 x 135 x 20	901,00 €	946,00 €	969,00 €	AVE14043-00...
6 buttons, white illumination	185 x 135 x 20	934,00 €	979,00 €	1.002,00 €	AVE14063-00...
8 buttons, white illumination	204 x 135 x 20	967,00 €	1.012,00 €	1.035,00 €	AVE14083-00...
10 buttons, white illumination	223 x 135 x 20	1.000,00 €	1.045,00 €	1.068,00 €	AVE14103-00...
12 buttons, white illumination	242 x 135 x 20	1.033,00 €	1.078,00 €	1.101,00 €	AVE14123-00...
14 buttons, white illumination	261 x 135 x 20	1.066,00 €	1.111,00 €	1.134,00 €	AVE14143-00...
16 buttons, white illumination	280 x 135 x 20	1.099,00 €	1.144,00 €	1.167,00 €	AVE14163-00...



VIDEO FRONT DOOR STATIONS WITH CODELOCK 1 BUTTON AND 4 – 12 BUTTONS

	HxWxD in mm	Price	Article no.
1 button, anodised natural	280 x 135 x 20	1.029,00 €	AVD54013-0010
4 buttons, anodised natural	242 x 135 x 20	1.162,00 €	AVE54043-0010
6 buttons, anodised natural	261 x 135 x 20	1.195,00 €	AVE54063-0010
8 buttons, anodised natural	280 x 135 x 20	1.228,00 €	AVE54083-0010
10 buttons, anodised natural	299 x 135 x 20	1.261,00 €	AVE54103-0010
12 buttons, anodised natural	318 x 135 x 20	1.294,00 €	AVE54123-0010

Colours | Material: ...10 anodised natural, ...18 painted white, ...12 anodised bronze
Design ...10 available ex stock, subject to intermediate sales | ...18, ...12 with delivery time upon request.

FOR A SAFE VIEW IN FRONT OF THE DOOR SERIES AVU

As video version of the series PUK, this front door station series offers way more comfort and safety with the flush integrated colour camera. Convincing features are the detection angle 90 degrees and clear night vision.



> Also available as
IP front door station > P. 72

For up to 24 flats

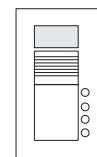
Flush-mount

Can be opened without screws by
the patented win:clip™

Name plates illuminated with
energie-saving LEDs

Timeless design

Aluminium or stainless steel

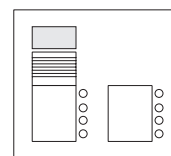


VIDEO FRONT DOOR ST.

1 – 8 BUTTONS

ONE COLUMN

	front plate H x W x D in mm	flush-mount box H x W x D in mm	...10 Price	...19 Price	...12 Price	...30 Price	Article no.
1 button	252 x 150 x 3	203 x 126 x 40	923,00 €	1.094,00 €	1.128,00 €	1.162,00 €	AVU14010-00...
2 buttons	252 x 150 x 3	203 x 126 x 40	939,00 €	1.110,00 €	1.144,00 €	1.178,00 €	AVU14020-00...
3 buttons	252 x 150 x 3	203 x 126 x 40	955,00 €	1.126,00 €	1.160,00 €	1.194,00 €	AVU14030-00...
4 buttons	252 x 150 x 3	203 x 126 x 40	971,00 €	1.142,00 €	1.176,00 €	1.210,00 €	AVU14040-00...
5 buttons	274 x 150 x 3	225 x 126 x 40	987,00 €	1.158,00 €	1.192,00 €	1.226,00 €	AVU14050-00...
6 buttons	296 x 150 x 3	247 x 126 x 40	1.003,00 €	1.174,00 €	1.208,00 €	1.242,00 €	AVU14060-00...
7 buttons	318 x 150 x 3	269 x 126 x 40	1.019,00 €	1.190,00 €	1.224,00 €	1.258,00 €	AVU14070-00...
8 buttons	340 x 150 x 3	291 x 126 x 40	1.035,00 €	1.206,00 €	1.240,00 €	1.274,00 €	AVU14080-00...

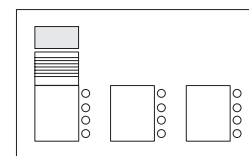


VIDEO FRONT DOOR ST.

8 – 16 BUTTONS

TWO COLUMNS

	front plate H x W x D in mm	flush-mount box H x W x D in mm	...10 Price	...19 Price	...12 Price	...30 Price	Article no.
8 buttons	252 x 274 x 3	203 x 250 x 40	1.263,00 €	1.503,00 €	1.537,00 €	1.570,00 €	AVU15080-00...
10 buttons	274 x 274 x 3	225 x 250 x 40	1.311,00 €	1.551,00 €	1.585,00 €	1.618,00 €	AVU15100-00...
12 buttons	296 x 274 x 3	247 x 250 x 40	1.359,00 €	1.599,00 €	1.633,00 €	1.666,00 €	AVU15120-00...
14 buttons	318 x 274 x 3	269 x 250 x 40	1.407,00 €	1.647,00 €	1.681,00 €	1.714,00 €	AVU15140-00...
16 buttons	340 x 274 x 3	291 x 250 x 40	1.455,00 €	1.695,00 €	1.729,00 €	1.762,00 €	AVU15160-00...



VIDEO FRONT DOOR ST.

12 – 24 BUTTONS

THREE COLUMNS

	front plate H x W x D in mm	flush-mount box H x W x D in mm	...10 Price	...19 Price	...12 Price	...30 Price	Article no.
12 buttons	252 x 398 x 3	203 x 374 x 40	1.514,00 €	1.810,00 €	1.833,00 €	1.879,00 €	AVU16120-00...
15 buttons	274 x 398 x 3	225 x 374 x 40	1.562,00 €	1.882,00 €	1.905,00 €	1.951,00 €	AVU16150-00...
18 buttons	296 x 398 x 3	247 x 374 x 40	1.610,00 €	1.954,00 €	1.977,00 €	2.023,00 €	AVU16180-00...
21 buttons	318 x 398 x 3	269 x 374 x 40	1.658,00 €	2.026,00 €	2.049,00 €	2.095,00 €	AVU16210-00...
24 buttons	340 x 398 x 3	291 x 374 x 40	1.706,00 €	2.098,00 €	2.121,00 €	2.167,00 €	AVU16240-00...

Colours | Material: ...10 anodised natural, ...19 painted white, ...12 anodised bronze, ...30 stainless steel grinded
Design ...10 available ex stock, subject to intermediate sales | ...19, ...12, ...30 with delivery time upon request

NOBLE, SECURE AND TIMELESS SERIES CARUS IRIS

With IRIS, we provide foresight and elegance. The surface-mounted housings are made of aluminium full material. The design is characterised by a clear geometrical language of forms, surfaces of high quality and an innovative sound outlet with an excellent audio quality.



For up to 3 flats

Surface-mount

Energy-saving LED
illumination for name plates
and buttons

Twilight sensor controlled

Video front door station
with 180° camera and
PTZ functionality

Variants: audio, video,
access control

COLOURS | MATERIALS

Aluminium,
anodised silverAluminium,
anodised blackAluminium
anodised bronze

VARIANTS

Audio 1–3 buttons



Video 1–3 buttons



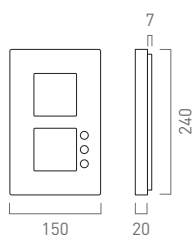
ACCESSORY

Module holder for AMI modules

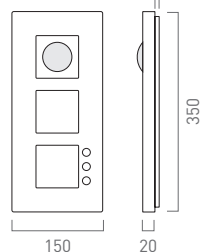


DIMENSIONS (IN MM)

Audio



Video



- > Codelock module
- > Fingerprint scanner Module
- > Transponder reader module
- > P.71

AUDIO FRONT DOOR STATIONS
1–3 BUTTONS

	H x W x D in mm	Price	Article no.
1 button	240 x 150 x 27	1040,00 €	CAE1001-015...
2 buttons	240 x 150 x 27	1.070,00 €	CAE1002-015...
3 buttons	240 x 150 x 27	1.100,00 €	CAE1003-015...

VIDEO FRONT DOOR STATIONS
1–3 BUTTONS

	H x W x D in mm	Price	Article no.
1 button	330 x 150 x 27	2.040,00 €	CAE2001-015...
2 buttons	330 x 150 x 27	2.070,00 €	CAE2002-015...
3 buttons	330 x 150 x 27	2.100,00 €	CAE2003-015...

IRIS MODULE HOLDER FOR AMI MODULES

	H x W x D in mm	Preis	Artikel-Nr.
Aluminium, anodised silver	149 x 149 x 27	230,00 €	on request
Aluminium, anodised black	149 x 149 x 27	230,00 €	on request
Aluminium, anodised bronze	149 x 149 x 27	230,00 €	on request

REMAIN FLEXIBLE WITH A MODULAR SYSTEM SERIES AMI

Welcome your visitors individually - the series AMI offers various functional modules and design options for the entrance area. And this system is uniquely flexible during installation. All elements can also be integrated in non-standardised formats and posts.



Combined or individual installation

For up to 1.000 flats

Front plates made of grinded stainless steel

Modules made of anodised aluminium

For flush-mount or free-standing communication posts

Holding hinge for easy commissioning and maintenance

Configurable with configo

Individual planning possible

Illuminated bell push-buttons

COLOURS | MATERIALS



Stainless steel
grinded



Stainless steel
PVD coated



Front panel made of aluminium and
special anodised materials > P.86

BUILT-IN VARIANTS

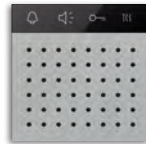
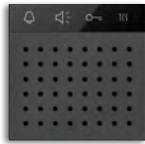
**Installation in front panels**

The individual solution for one- or multi-family homes and functional buildings. The front panels made of grinded stainless steel are available in 8 standard sizes. Individual formats are configurable. > P.26

**Installation in communication posts**

All functional modules of the series AMI can be integrated in communication posts for an exclusive reception. They can be implemented in standard sizes and other design variants. The post are made of robust aluminium. > P.27

FUNCTIONAL MODULES



Door communication as team work. The individually usable functional modules of the series AMI are made of durable aluminium and available in black and anodised silver. The functional modules can be used for systems consisting of up to 1,000 flats. > P.28 ff.

CUSTOMISING

**Finishing**

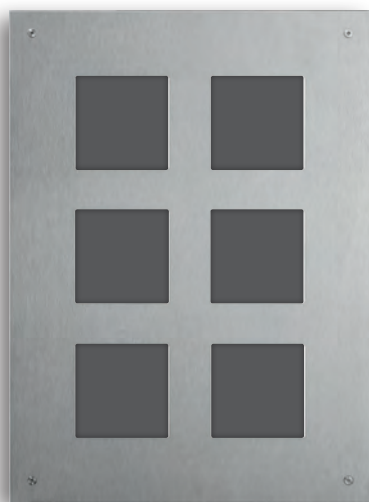
Textures: grinded and sand-blasted.
Coating: anodised, powder or PVD.
Laser cut, laser engraving, milling
engraving, foil plot or screen printing
can be used to create fonts,
characters or signets. > P. 88

NOTE

**ZAU front panel made of stainless steel with hinge**

For a safe installation with
integrated holding hinges.

SERIES AMI FRONT PANELS



Stainless steel
grinded



RAL colours and
anodised colours



One-columned

Two-columned

Flush-mount sets made of front panels and flush-mount boxes

3 mm stainless steel front panel grinded and brushed

8 standard sizes

Individual sizes projectable

Holding hinges for easy commissioning and maintenance

Housing | installation | extended functions

Type of installation	flush-mount
Material and colour	3 mm stainless steel front panel grinded and brushed incl. metal flush-mount box
Front panel cut-out	82 x 82 mm
Functionally extendable with	front door stations series AMI
Opening principle	visible screws from the front
Modules integration	screw connection on thread bolts
Planning of special formats	on request

FLUSH-MOUNT SETS	front panel HxWxD in mm	flush-mount box HxWxD in mm	Price	Article no.
for 1 AMI module	200 x 200 x 3	180 x 180 x 50	180,00 €	ZAU2001-0030
for 2 AMI modules, one-columned layout	320 x 200 x 3	300 x 180 x 50	210,00 €	ZAU2002-0030
for 3 AMI modules, one-columned layout	440 x 200 x 3	420 x 180 x 50	240,00 €	ZAU2003-0030
for 4 AMI modules, one-columned layout	560 x 200 x 3	540 x 180 x 50	270,00 €	ZAU2004-0030
for 5 AMI modules, one-columned layout	680 x 200 x 3	660 x 180 x 50	300,00 €	ZAU2005-0030
for 6 AMI modules, one-columned layout	800 x 200 x 3	780 x 180 x 50	330,00 €	ZAU2006-0030
for 2x2 AMI modules, two-columned layout	320 x 320 x 3	300 x 300 x 50	360,00 €	ZAU2007-0030
for 2x3 AMI modules, two-columned layout	440 x 320 x 3	420 x 300 x 50	390,00 €	ZAU2008-0030

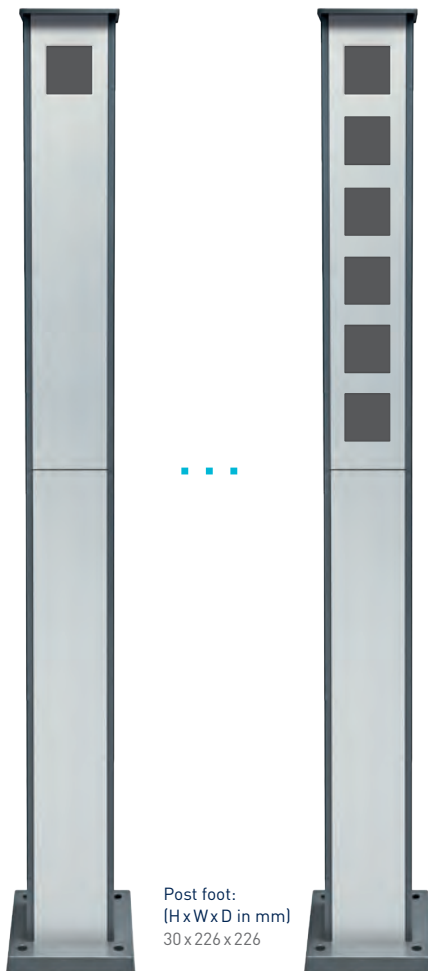
COMMUNICATION POSTS

Post corpus made of aluminium,
powder-coated with 3 mm
aluminium front panel

Standard height 1.700 mm

Special heights upon request, e.g. truck post

RAL-colours and anodised colours possible



The communication posts with their timeless design are made of aluminium. The corpus is powder coated with micaceous iron ore DB 703. The front panel consists of robust 3 mm thick aluminium.

Housing | installation | extended functions

Type of installation	free-standing
Material and colour	post corpus: aluminium, powder coated, micaceous iron ore DB 703 front panel: 3 mm aluminium anodised natural
Front panel cut-out(s)	82 x 82 mm
Functionally extendable with	front door station modules series AMI
Opening principle	screw connection from above
Modules integration	screw connection on thread bolts

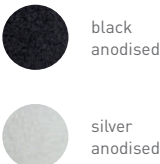
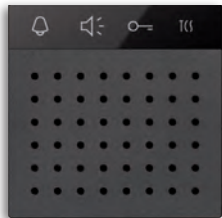
Note

The communication posts and the installations are exclusively approved for safety extra low voltage of safe isolation (SELV) and protective extra low voltage of safe isolation (PELV).

COMMUNICATION POSTS	front panel H x W x D in mm	post corpus H x W x D in mm	Price	Article no.
for 1 AMI module	788,5 x 134 x 3	1.700 x 160 x 135	1.181,00 €	K31AS
for 2 AMI modules	788,5 x 134 x 3	1.700 x 160 x 135	1.202,00 €	K32AS
for 3 AMI modules	788,5 x 134 x 3	1.700 x 160 x 135	1.223,00 €	K33AS
for 4 AMI modules	788,5 x 134 x 3	1.700 x 160 x 135	1.244,00 €	K34AS
for 5 AMI modules	788,5 x 134 x 3	1.700 x 160 x 135	1.265,00 €	K35AS
for 6 AMI modules	788,5 x 134 x 3	1.700 x 160 x 135	1.286,00 €	K36AS
for 1 AMI module	788,5 x 134 x 3	1.300 x 160 x 135	1.127,00 €	K31AP
for 2 AMI modules	788,5 x 134 x 3	1.300 x 160 x 135	1.148,00 €	K32AP
for 3 AMI modules	788,5 x 134 x 3	1.300 x 160 x 135	1.169,00 €	K33AP
for 4 AMI modules	788,5 x 134 x 3	1.300 x 160 x 135	1.190,00 €	K34AP
Fixing anchor, 3 mm steel panel zinc-coated	–	500 x 201 x 220	223,00 €	ZAB3001-0002

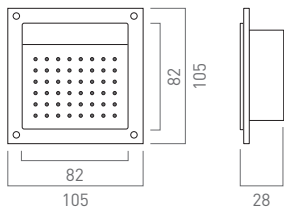
SERIES AMI

TCS:BUS SPEAKING MODULE



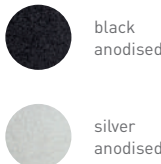
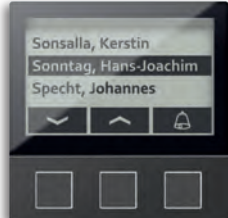
Note

The TCS:BUS speaking module can only be combined with bell button modules (AMI1091x) or/and the display module LCD graphics, 3 keys (AMI11603).



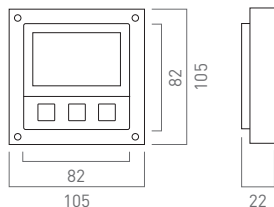
	Price	Article no.
TCS:BUS speaking module	262,00 €	AMI11110-00-...

DISPLAY MODULE LCD GRAPHICS, 3 KEYS



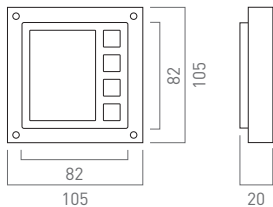
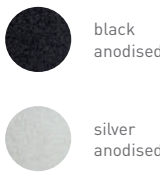
Note

The display module LCD graphics, 3 keys can be combined with the jog wheel module (AMI10410-...) and/or the code lock module, but cannot be combined with the keyboard module (AMI10300) and jog wheel module (AMI10400-...).



	Price	Article no.
Display module LCD graphics, 3 keys	810,00 €	AMI11603-00-...

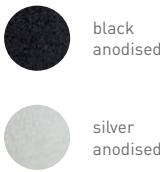
BELL BUTTON MODULE WITH 1 – 4 KEYS



	Price	Article no.
Bell button module, 1 key	159,00 €	AMI10911-00-...
Bell button module, 2 keys	196,00 €	AMI10912-00-...
Bell button module, 3 keys	234,00 €	AMI10913-00-...
Bell button module, 4 keys	273,00 €	AMI10914-00-...

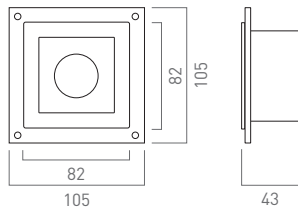
Colours: ...57 anodised black, ...10 anodised silver

CAMERA MODULE



Note

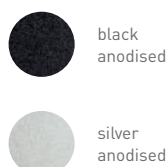
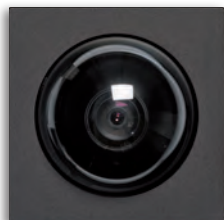
The camera module must not be exposed to the direct sunlight or oriented towards it.



	Price	Article no.
Camera module	598,00 €	AMI10500-00-...

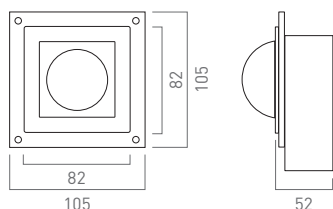
Colours: ...80 anodised black, ...10 anodised silver

DOMe CAMERA MODULE



Note

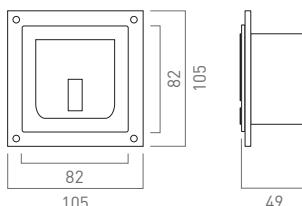
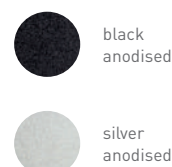
The camera module must not be exposed to the direct sunlight or oriented towards it.



	Price	Article no.
Dome camera module	706,00 €	AMI10610-00...

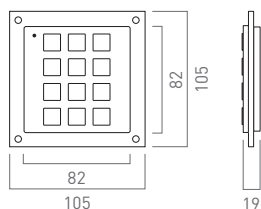
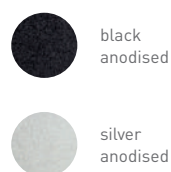
Predecessor model (AMI 10600-00...) is no longer available as of 02.2017.

FINGERPRINT SCANNER MODULE



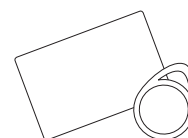
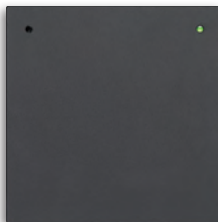
	Price	Article no.
Fingerprint scanner module	1.075,00 €	AMI10800-00...

CODELOCK MODULE

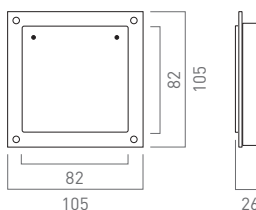


	Price	Article no.
Codelock module	391,00 €	AMI11200-00...

TRANSPONDER READER MODULE



MCards | MKeys
> P.81



	Price	Article no.
Transponder reader module	382,00 €	AMI12300-0080
BCM transponder reader module	381,00 €	AMI12400-0080



Colours: ...57 black anodised, ...10 silver anodised

Recommended retail price exclusive VAT.

SERIES AMI

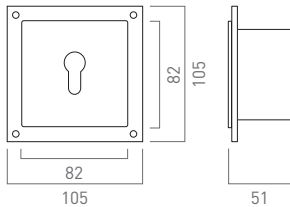
KEY SWITCH MODULE



-  black anodised
-  silver anodised

Note

The key switch module is only approved for safety extra low voltage (SELV) and protective extra low voltage (PELV).

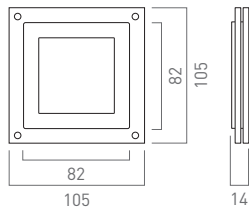


	Price	Article no.
Key switch module	250,00 €	AMI10700-00...

INFORMATION MODULE





-  plastics black

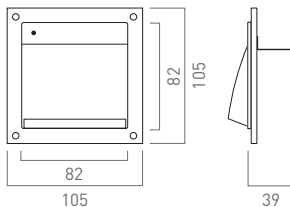


	Price	Article no.
Information module	173,00 €	AMI11300-0000

ILLUMINATION MODULE

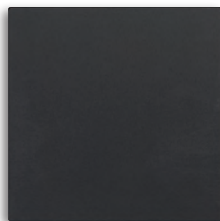


-  black anodised
-  silver anodised

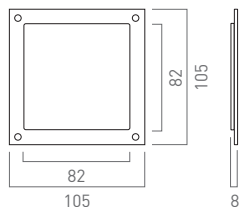


	Price	Article no.
Illumination module	217,00 €	AMI11400-00...

DUMMY MODULE



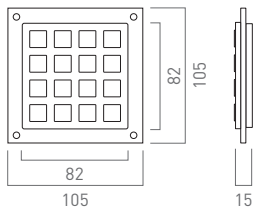
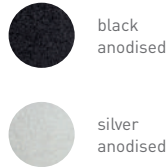
-  plastics black



	Price	Article no.
Dummy module	43,00 €	AMI11000-0080

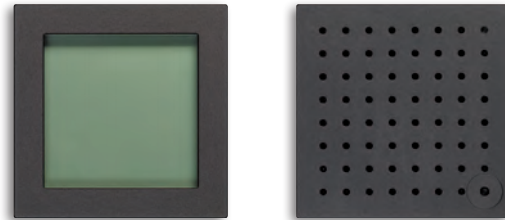
Colours: ...57 anodised black, ...10 anodised silver

KEYBOARD MODULE



	Price	Article no.
Keyboard module	478,00 €	AMI10300-00...

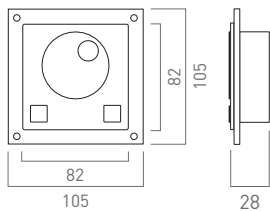
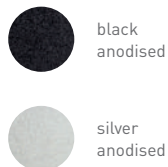
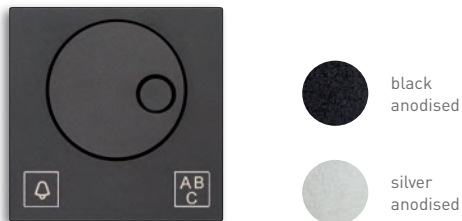
MODULE COMBINATION LC DISPLAY AND LOUDSPEAKER MODULE



Note

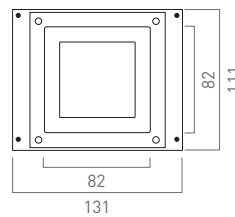
The display module LCD graphic must not be exposed to the direct sunlight or oriented towards it!

JOGWHEEL MODULE

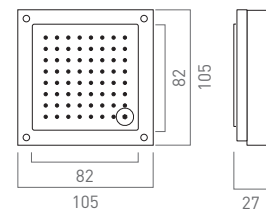


	Price	Article no.
Jogwheel module	478,00 €	AMI10410-00...

LC display module



Loudspeaker module



	Price	Article no.
LC display and loudspeaker module	1.226,00 €	AMI10105-07...

Colours: ...57 anodised black, ...10 anodised silver

Recommended retail price exclusive VAT.

DIGITAL NAME UPDATES MADE EASY

SERIES ADX5 VIDEO

Save time with centralised management and remote maintenance with the new ADX5 front-door station for systems with TCS:BUS. Names are managed via your browser in the BCM control centre software and allocated to the digital displays, making it easy to organise the associated name plate push-buttons on the flat doors and the access control.



For up to 35 flats

For digital name management, centralised via browser, on computer or tablet

Robust stainless steel housing

Front-door station in audio or video

Wall-mount, flush-mount or installation behind front panels

Optionally with access control

Camera angle of 130 degrees

COLOURS | MATERIALS

Stainless steel
grinded

VARIANTS

Wall-mount with
transponder reader
or dummy moduleFlush-mount with
transponder reader or
dummy module

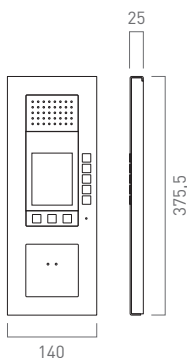
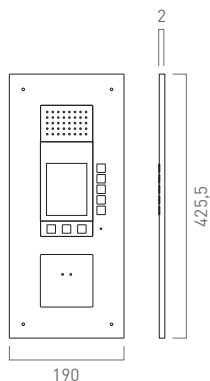
Flush-mount



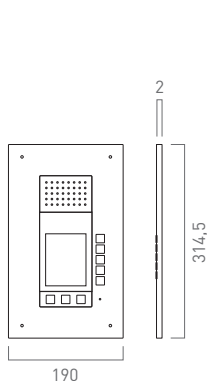
REMOTE MAINTENANCE BUNDLE

- > Remote maintenance of up to two ADX5 (or ADX3) via network or internet
- > BCM control centre (12 + 5 SU) for managing all functions
- > Up 50 flats
- > Up to 100 users
- > Displays up to two users per flat

DIMENSIONS (IN MM)

Wall-mount with
transponder reader
or dummy moduleFlush-mount with
transponder reader
or dummy module

Flush-mount



FRONT DOOR STATIONS

WITH DIGITAL NAME MANAGEMENT

	H x W x D in mm	flush-mount box H x W x D in mm	Price	Article no.
Video front-door station, wall-mount, with dummy module	375,5 x 140 x 25	–	1.530,00 €	ADA59210-0030
Video front-door station, wall-mount, with transponder reader	375,5 x 140 x 25	–	1.627,00 €	ADA59280-0030
Video front-door station, flush-mount	314,5 x 190 x 2	294,5 x 170 x 50	1.830,00 €	ADU59210-0030
Video front-door station, flush-mount, with transponder reader	425,5 x 190 x 2	405,5 x 170 x 50	1.927,00 €	ADU59280-0030
Video front-door station, integrated	–	–	1.330,00 €	ADI59210-0057
Video front-door station, integrated, with transponder reader	–	–	1.427,00 €	ADI59280-0057
ADx remote maintenance bundle, 2 AS, 50 WE*			972,00 €	889-003-1001

* Price only applies together with the purchase of an ADX5.

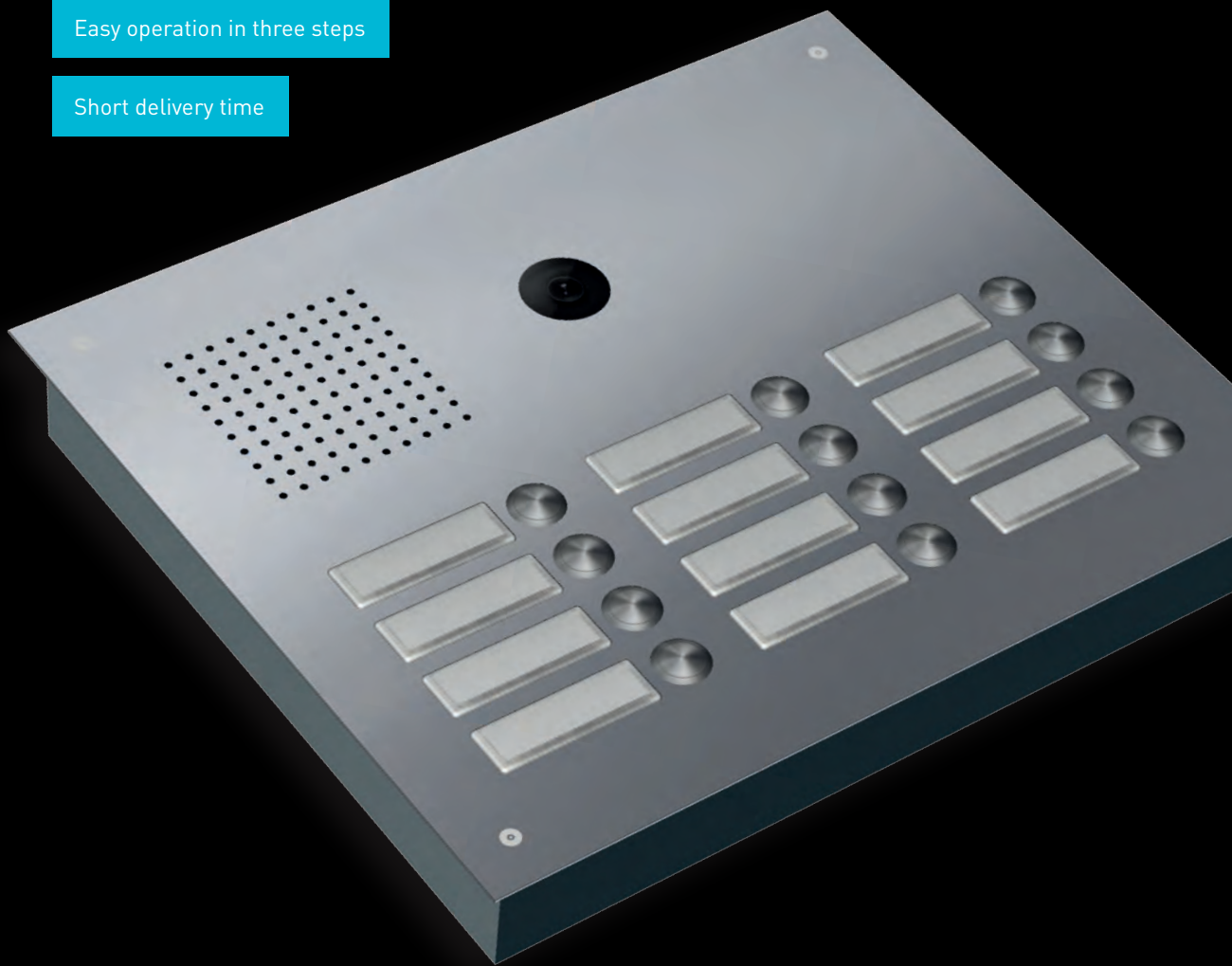
3D representation

Functions can be selected individually

Costs always at a glance

Easy operation in three steps

Short delivery time



NEW

CONFIGURATOR FOR FRONT DOOR STATIONS

SIMPLY PLAN
AND ORDER

www.tcsag.de/konfigurator 

PLAN ONLINE AND ORDER DIRECTLY CONFIGURATOR

With the highest level of expertise and state-of-the-art machines, has been manufacturing TCS individual outdoor stations for more than 20 years. With the new configurator, these can now be easily planned online. The individual outdoor station is manufactured and delivered within a few working days.

Simple, intuitive operation

Configuration of ready to assemble audio or video outdoor stations with flush-mounted box

Up to maximum height 980 mm and width 930 mm

Function modules, such as B. Access, easy to integrate

Detailed design drawing as PDF file

Augmented Reality Function

Order in electrical wholesale simply with the configuration number

Delivered in a few working days



SAVE TIME AND MONEY

The configurator shortens consultation calls, ordering processes and delivery times.





3D DISPLAY

See and rotate
the outside station 360°.



AUGMENTED REALITY

With the smartphone
you place the virtual outdoor station
in three dimensions on the wall.

The Configurator as sales support

Would you like to realise an outdoor station as desired? With the TCS Individual Configurator you can easily determine the dimensions, materials, colors and functions of outdoor stations yourself. This enables you to realize architects specifications or your own suggestions for customers in record time. Thanks to the latest manufacturing technology, the delivery times are as fast as our standard products.

Order made easy

Each configuration contains an individual configuration number corresponding to a TCS article number. You can initiate the order as easily as usual by e-mail, personally or by fax via your electronicwholesale shop.

Easy to assemble

And the assembly can also be implemented in a time-saving manner, because the individual stations can already be supplied pre-wired.

IN JUST THREE STEPS TO YOUR DESIRED DOOR STATION



CHOOSE SIZE AND MATERIAL

With the configurator, you plan a external station with flush-mounted box. The bell buttons can be pre-wired with the built-in door speaker.

Launch options

You can quickly get started by specifying the number of bell buttons. External stations with desired dimensions can be configured via the entry: Size of the front panel

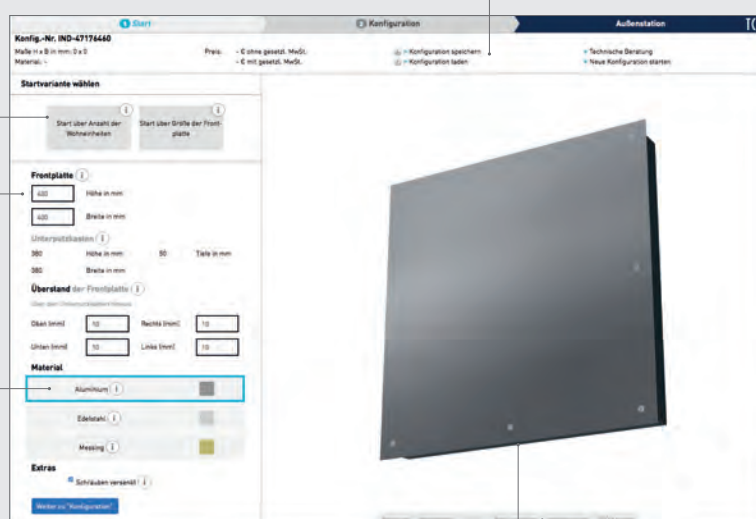
Front panel

The maximum dimension is 980 mm in height and 930 mm in width.

Colours and materials
TCS uses stainless steel, aluminum or brass of the highest quality from German suppliers.

Storage options

Current configurations can be saved and recalled with the assigned configuration number.



3D representation

Photorealistic representation from all perspectives.

2

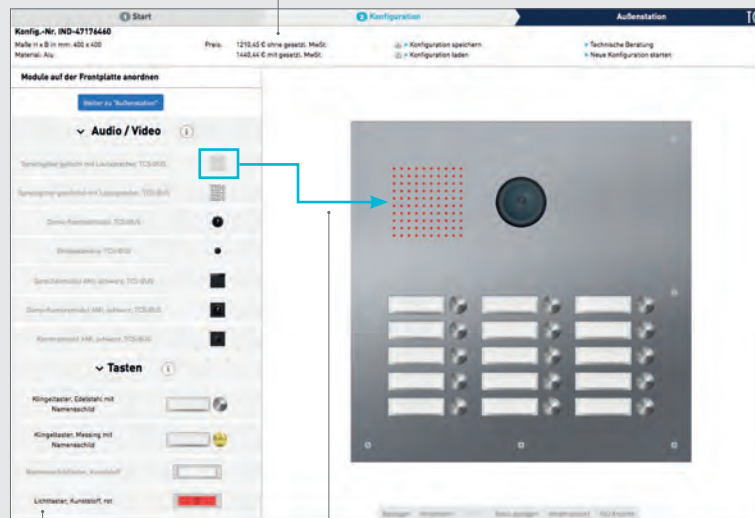


SIMPLY SELECT FUNCTIONS

Function modules, name badges and bell buttons can be individually arranged in a pre-specified grid spacing

Costs always at a glance

The price is calculated with each configuration step. It defines the manufacturer's recommended retail price.



Select Modules

Function modules for door communication can be combined with modules of the AML series. For example, B. access control can be easily implemented.

Placing Modules

The modules can be easily placed on specified grid points.

3



SEND CONFIGURATION

The configuration is requested by e-mail in the last step. The email sends the individual configuration number and the design drawing.

DONE!

VISUALIZATION AND ORDERING MADE EASY



VIRTUAL PLACE THE AUGMENTED REALITY-FUNCTION

Builders and architects attach importance to uniform design concepts. Therefore, the TCS configurator has an AugmentedReality function, which uses the 3D model e.g. B. at the entrance of the house, the facade or on a fence. In this way, decisions can be secured and misuse purchases can be excluded.



MATCHING TO THE OBJECT

The virtual 3D model of the configured outdoor station can be photorealistically projected onto the installation situation or a photo.



Configurator runs in many browsers (Safari, Chrome, Firefox) on PC, tablet or smartphone.



Questions about the configurator?
Then simply call on 04194 9881-166 at
or write an email to angebote@tcsag.de.



For presentation purposes, electrical installers, planners and architects can pre-order material samples with bell buttons variants. To do this, please contact your region's sales representative.

ORDERING PROCESS MADE EASY

DELIVERY TIME:
FEW
WORKING DAYS



COMPLETE CONFIGURATION
AND REQUEST DATA BY E-MAIL

WITHIN A FEW MINUTES YOU WILL
RECEIVE A TECHNICAL
PLANNING DRAWING OF YOUR
CONFIGURED OUTDOOR STATION

THE
CONFIGURATION NUMBER SENT IS
AT THE SAME TIME THE ORDER NUMBER

ELECTRICAL WHOLESALE

The configuration is simple via web application. Ordering processes can thus be handled in the shortest possible time.

- > The configuration number shall be equal to a article number. With of the configuration number, the order can be triggered for TCS.
- > If your customers have implemented short-term changes, you will receive a new configuration number.

ELECTRICAL PLUMBER

Order as usual via your electrical wholesale by specifying the configuration number.

- > Simply send the configuration number to the branch of your electrical distributor.
- > The configuration number is equal to the order number.

ARCHITECT, PLANNER, BUILDER

With the configuration number, the project can be viewed at any time and by different people. The order and proper installation is carried out by an electrician.

- > Simply send the configuration number to your electrical installer.
- > This triggers the order from TCS and ensures proper installation and commissioning.
- > Your electrical installer will provide you with an offer for the installation of the outdoor station.



Intuitive to use

Comfort functions

Functional extendable

Innovative design



TCS

INDOOR STATIONS

TCS:BUS

AUDIO INDOOR STATIONS 44

Door Phone and Speakerphone	Surface-mount	44
Series TASTA Audio	Surface-mount	46

VIDEO INDOOR STATIONS 48

Series IMM	Surface-mount	48
Video Door Phone	Surface-mount	49
Series TASTA Video	Surface-mount	50
Carus ORIGO	Surface-mount	52
sky	Surface-mount	54
Carus PENTA	Surface-mount	56
IVE70	Surface-mount	57
skyline:ten BASIC	Flush-mount	58

TCS:IP

AUDIO INDOOR STATIONS

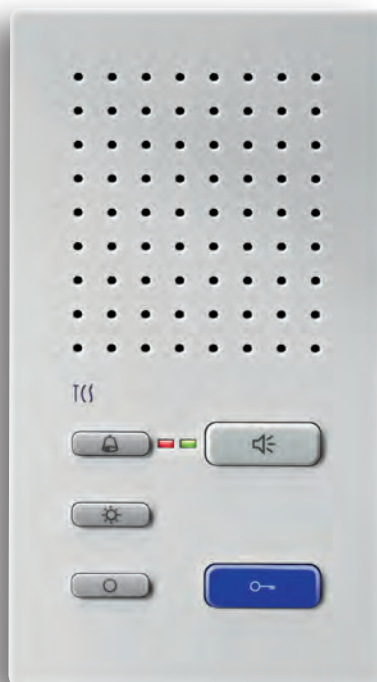
Series TASTA IP Audio	Surface-mount	124
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VIDEO INDOOR STATIONS

Series TASTA IP Video	Surface-mount	75
Carus HABERA	Surface-mount	60

JUST KEEP IT SIMPLE HANDSET | HANDS-FREE TALKING DEVICE

These two indoor stations are down to earth with their solid basic functionality. With the ergonomically formed buttons all functions can be distinguished intuitively. A magnetic handset holder makes it easier to hang up a door phone. Built-in call relays and radio transmitter board of the radio signal unit can easily be integrated.



Selective opening of front door and floor door

Automatic door release for practices

Internal call of indoor stations to indoor stations

Call diversion to 2nd station

13 ring tones

Ring tone volume adjustable up to 90 decibel

Adjustable conversation volume

Call distinction between front door, flat door and internal calls

Extendable with additional signalling information

FUNCTIONS AND FUNCTIONAL EXTENSIONS

**Magnetic handset holder**

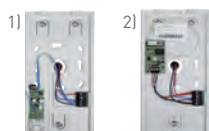
A magnetic handset holder makes it easier to hang up a door phone.

**Combined volume control**

Adjustable conversation volume with 8 levels.
Ring tone volume adjustable up to 90 decibel.

**Cover cap**

White plastic panel – the right foundation in case of renovation. In addition to the series.

**Installation slots for functional extensions**

- 1) for call relay TRE1-EB in order to call signal units provided by customers
- 2) for radio transmitter board of the radio signal unit FFL2000-0 in order to use the TCS radio gong

COMFORT FUNCTIONS

Call diversion

For diverting a door call to a second indoor station of the system. The function key of the indoor station activates a call diversion.

Automatic door release

For an automatic opening of the front door following a door call. The function key of the indoor station is manually activated for this function. It is easier for visitors especially in practices and offices to enter the building during business hours.

Floor door release function

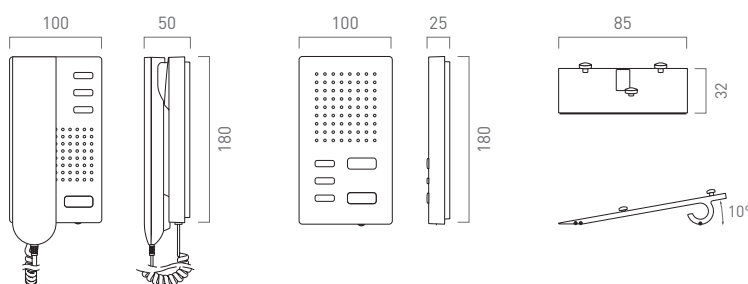
For opening a main entrance door as well as a floor door with the door release button. The indoor station selects the door to be opened depending on the origin of the door call.

Internal call

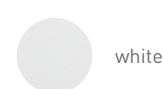
For the communication between two indoor stations in a TCS system. The function key of the indoor station triggers the internal call.

Functions can be configured with configo and service device.

DIMENSIONS (IN MM)



COLOURS

INDOOR STATIONS WITH HANDSET
OR FOR HANDS-FREE TALKING

	H x W x D in mm	Price	Article no.
Handset with standard functions	180 x 100 x 50	70,00 €	ISH3030-0140
Hands-free device with standard functions	180 x 100 x 25	72,00 €	ISW3030-0140
Handset with comfort functions	180 x 100 x 50	81,00 €	ISH3130-0140
Hands-free device with comfort functions	180 x 100 x 25	83,00 €	ISW3130-0140

ACCESSORY

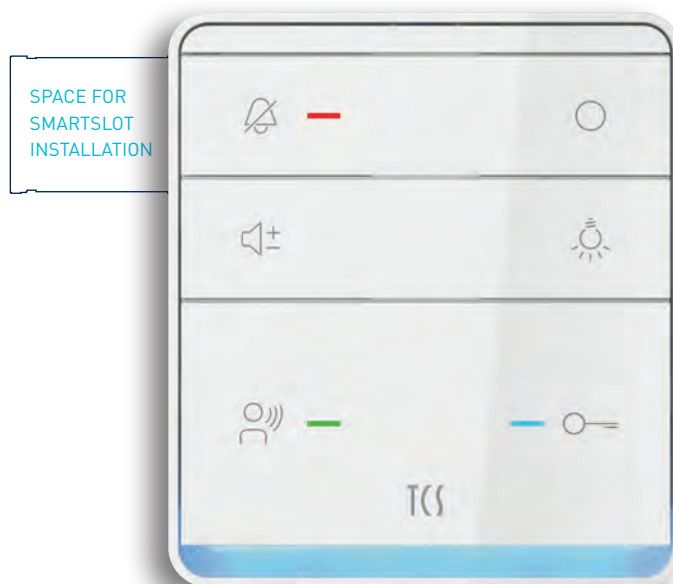
	H x W x D in mm	Price	Article no.
Desktop accessory (aluminium, natural)*	168 x 86 x 27	52,00 €	ZIT3030-0010

* Connecting cable with a length of 3 m and RJ45 connecting plug

ON TRACK FOR THE FUTURE SERIES TASTA AUDIO

TASTA is the new, intelligent generation of TCS indoor stations. The communication is executed via a digital hands-free talking function. With its intuitive operation, the device is suitable for residents of any age. The discreet sound outlet gab, instead of a loudspeaker, guarantees best sound quality. With the innovative and practical SmartSlot individual functions can be added easily.

- > Also available as video variant > P. 50
- > Also available as VoIP variant > P. 75



Selective opening of front door and floor door

With ambient illumination and orientation light

Signalling a ring tone via ambient illumination

Visual indication of door calls and ring tone mute via LED

SmartSlot for additional signalling of a door call can be ordered as extension



reddot award 2017
winner

COLOURS



white

FUNCTIONS AND FUNCTIONAL EXTENSIONS

Ring tone signalling

By blinking the ambient illumination additionally signals an incoming door call.

Volume adjustment

The volume for voice output and ring tone can be adjusted each in 4 steps via the volume button.

Ring tone selection

For floor call, internal call as well as a call from a front door station individual ring tones can be selected.

Ambient illumination

The azure blue illumination of the sound outlet gap can be de-/activated via the light switch button.

Function button

For an individual programming with a switch or control function (to call the concierge or a neighbour).

SmartSlot

Slot for additional signalling of a door call in combination with the radio signal bell FFL2100-0. Tools for replacement are included in the scope of delivery.

COMFORT FUNCTIONS

Call diversion

For diverting a door call to a second indoor station of the system. The function key of the indoor station activates a call diversion.

Automatic door release

For an automatic opening of the front-door following a door call. The function key of the indoor station is manually activated for this function. It is easier for visitors especially in practices and offices to enter the building during business hours.

Floor door release function

For opening a main entrance door as well as a floor door with the door release button. The indoor station selects the door to be opened depending on the origin of the door call.

Internal call

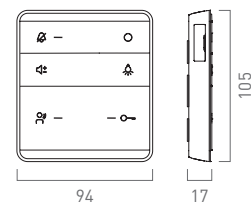
For the communication between two indoor stations in a TCS system. The function key of the indoor station triggers the internal call.

The mentioned functions can be configured only with configo or Service Device.

ACCESSORY

Tabletop
deviceMounting tray
audio

DIMENSIONS (IN MM)



AUDIO INDOOR STATION

HxWxD in mm

Price

Article no.

TASTA audio with mounting tray

105 x 94 x 17

82,00 €

[ISW5010-0145](#)

ACCESSORY

Price

Article no.

Tabletop device

129,00 €

[ZIT5000-0030](#)

Mounting tray audio

10,00 €

[ZIA5001-0145](#)

EXTENSIONS

Price

Article no.

SmartSlot FFL

90,00 €

[FFL0004-0000](#)

SmartSlot with radio signal bell

160,00 €

[FFL2200-0](#)

MODULAR INDOOR STATION SERIES IMM

On-service call and style. Whether for hands-free talking, using a handset or via video – the series IMM provides convenient functions like an automatic door release or multiple internal call destinations which can be selected via comfort keys.



2.4" (6.0 cm) TFT colour display optional

Optional with single or double comfort key pad

Up to 21 internal call destinations

Specific calls from the front door stations

Central image buffer (FVM1000) usable

Camera control via keys with PTZ cameras



(VIDEO) INDOOR STATIONS WITH HAND SET OR FOR HANDS-FREE TALKING

	HxWxD in mm	Price	Article no.
Door phone with 1 comfort key pad	215 x 172 x 43	149,00 €	IMM1100-0140
Door phone with 2 comfort key pads	215 x 246 x 43	222,00 €	IMM1110-0140
Video door phone	215 x 172 x 43	210,00 €	IMM1300-0140
Video door phone, comfort key pad	215 x 246 x 43	519,00 €	IMM1310-0140

ACCESSORY

	HxWxD in mm	Price	Article no.
Desktop device audio, 2 columns, aluminium anodised natural*	27 x 95 x 128	86,00 €	ZIT1301-0010
Desktop device audio, 3 columns, aluminium anodised natural*	27 x 166 x 128	99,00 €	ZIT1302-0010
Desktop device video, 3 columns** (aluminium, anodised black)	27 x 240 x 128	240,00 €	ZIT1312-0016

* Connecting cable with a length of 3 m and RJ45 connecting plug. | ** Connecting cable with a length of 2.5 m and RJ45 connecting plug.

JUST SIMPLY VIDEO HANDSET

Seeing who is coming. The video door phone provides a new level of security and more quality of living at an excellent price. The basic functions can be distinguished intuitively.



3.5" (8.9 cm) digital display

Simple basic functionality

For a discreet communication

Ring tone mute

Intuitive operation

With function button

Available as tabletop device



Tabletop device
stainless steel

VIDEO INDOOR STATION	HxWxD in mm	Price	Article no.
Video handset, TCS:BUS	250 x 100 x 50	300,00 €	IVH3222-0140
Video handset, TCS:Video-2-Wire	250 x 100 x 50	300,00 €	IVH4222-0140
ACCESSORY	HxWxD in mm	Price	Article no.
Desktop accessory*	230 x 89 x 132	130,00 €	ZIT3222-0030

ON TRACK FOR THE FUTURE

SERIES TASTA VIDEO

TASTA is the new, intelligent generation of TCS indoor stations. The communication is executed via a digital hands-free talking function. With its intuitive operation, the device is suitable for residents of any age. The discreet sound outlet gab, instead of a loudspeaker, guarantees best sound quality. With the innovative and practical SmartSlot individual functions can be added easily.



- > Also available as audio variant > P. 40
- > Also available as IP variant > P. 75

3.5" (8.9 cm) display

Video image settings with sensor buttons

Image activation and change-over betw. different cameras

With ambient illumination and orientation light

Signalling a ring tone via ambient illumination

Visual indication of door calls and ring tone mute via LED

SmartSlot for additional signalling of a door call can be ordered as extension



COLOURS

NEW



white

FUNCTIONS AND FUNCTIONAL EXTENSIONS

Video parameter adjustment

The video parameter contrast, brightness and colour saturation can be adjusted in 4 steps

Ring tone signalling

By blinking the ambient illumination additionally signals an incoming door call. This function can be de-/activated only via the light switch button.

Volume and ring tone adjustment

The volume for voice output and ring tone can be adjusted each in 4 steps. For floor call, internal call and the call from a front door station individual ring tones can be selected.

Function button

For an individual programming with a switch or control function (to call the concierge or a neighbour)

SmartSlot

Slot for additional signalling of a door call in combination with the radio signal bell FFL2100-0. Tools for replacement are included in the scope of delivery.

COMFORT FUNCTIONS

Call diversion

For diverting a door call to a second indoor station of the system. The function key of the indoor station activates a call diversion.

Automatic door release

For an automatic opening of the front-door following a door call. The function key of the indoor station is manually activated for this function. It is easier for visitors especially in practices and offices to enter the building during business hours.

Floor door release function

For opening a main entrance door as well as a floor door with the door release button. The indoor station selects the door to be opened depending on the origin of the door call.

Internal call

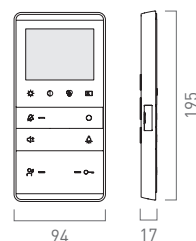
For the communication between two indoor stations in a TCS system. The function key of the indoor station triggers the internal call.

The mentioned functions can be configured only with configo or Service Device.

ACCESSORY

Desktop
accessoryMounting tray
video

DIMENSIONS (IN MM)



VIDEO INDOOR STATION	HxWxD in mm	Price	Article no.
TASTA video with mounting tray, TCS:BUS	195 x 94 x 17	400,00 €	IVW5111-0145
TASTA video with mounting tray, TCS:Video-2-Wire	195 x 94 x 17	400,00 €	IVW5211-0145
TASTA video with mounting tray, TCSoverIP	195 x 94 x 17	400,00 €	IVW5411-0145

ACCESSORY	Price	Article no.
Desktop accessory	129,00 €	ZIT5000-0030
Mounting tray video	10,00 €	ZIA5002-0145

EXTENSIONS	Price	Article no.
SmartSlot FFL	90,00 €	FFL0004-0000
SmartSlot with radio signal bell	160,00 €	FFL2200-0

TRENDSETTING IN FORM AND FUNCTION CARUS ORIGO

The video indoor station Carus ORIGO combines a puristic, slim design with valuable comfort functions – the perfect solution for sophisticated demands. The device is suitable for surface-mount and can also be used as tabletop device.



3.5" (8.9 cm) digital display

Display for comfortable operation

Central image buffer (FVM1000) usable in comfort mode

Receipt of TCS:BUS text messages

Extended comfort functions such as internal calls and switching functions

13 ring tone

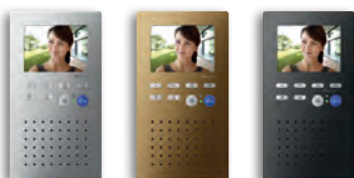
For surface-mount or as tabletop device

COLOURS | MATERIALS

Aluminium,
anodised silverAluminium,
anodised bronzeAluminium,
anodised champagneAluminium,
anodised black

VARIANTS

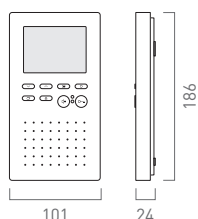
Surface-mount



Tabletop device



DIMENSIONS (IN MM)

VIDEO INDOOR STATION,
SURFACE-MOUNT

	H x W x D in mm	Price	Article no.
Aluminium anodised	186 x 101 x 24	848,00 €	CAI2000-015...

VIDEO INDOOR STATION,
TABLETOP DEVICE

	H x W x D in mm	Price	Article no.
Aluminium anodised*	181 x 101 x 162	998,00 €	CAI2010-015...

* Connecting cable with a length of 2.5 m and RJ45 connecting plug

Designs: ...0 anodised silver, ...1 anodised bronze, ...2 anodised champagne, ...6 anodised black

TIMELESS AND ELEGANT IN EVERY APPEARANCE SKY

Timeless in every aspect. The video indoor station sky presents door communication at its most attractive side. It combines black high-gloss acrylic glass with anodised aluminium. With the on-screen display you can adjust tone and image in a very user-friendly way. Optionally the unit with desktop accessory is available for setup.



3.5" (8.9 cm) digital display

10 switching functions
and 10 call destinations

Receipt of TCS:BUS
text messages

Polyphonic ring tones

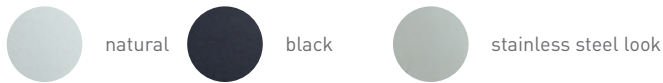
Aluminium anodised natural,
stainless steel look or black

Central image buffer
(FVM1000) usable in
comfort mode

Surface-mount on
flush-mount box

Desktop accessory
available

COLOURS



FUNCTIONS AND FUNCTIONAL EXTENSIONS

Receipt of text messages

For the receipt of centrally sent text messages. Display in OSD menu. Unread messages are displayed separately.

Image storage

New recordings are displayed via a green LED. The recording contains a date and time stamp. In case of an incoming door call single images or an image series can be stored automatically. The recording function can be (de)activated.

10 switching functions and 10 call destinations

In the OSD menu up to 10 switching functions for the light and the door drive are triggered. The switching states (ON/OFF) are indicated by a particular colour. Additional 10 internal call destinations can be saved for hobby room, attic storey or garage.

Sub door calls

Up to 4 bell buttons of the front door station can trigger 4 different ring tones on the indoor station. If the bell buttons are labelled accordingly the resident can hear who is called by the triggered ring tone.

VARIANTS

Surface-mount

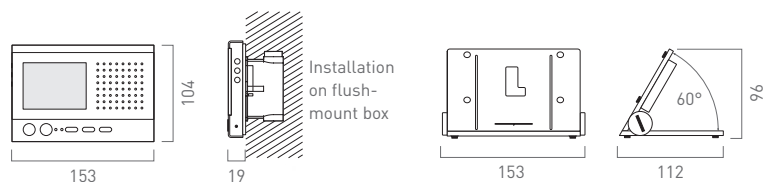


ACCESSORY



Tabletop device

DIMENSIONS (IN MM)



VIDEO INDOOR STATIONS

	H x W x D in mm	Price	Article no.
sky (aluminium, anodised natural)	104 x 153 x 19	500,00 €	IVW2221-0153
sky (aluminium, anodised black)	104 x 153 x 19	500,00 €	IVW2221-0155
sky (aluminium, anodised stainless steel look)	104 x 153 x 19	500,00 €	IVW2221-0160

ACCESSORY

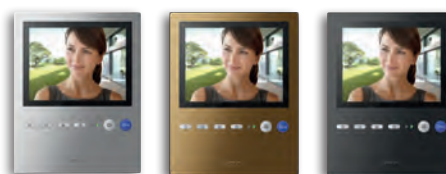
	H x W x D in mm	Price	Article no.
Desktop accessory (aluminium, anodised black)*	96 x 153 x 112	198,00 €	ZIT1800-0016

* Connecting cable with a length of 2.5 m and RJ45 connecting plug

PERFECT BALANCE BETWEEN SIZE AND FUNCTION

CARUS PENTA

The Carus PENTA video indoor station strikes the perfect balance between the size of the device and that of the colour display. The anodised metal surface and the hidden loudspeaker emphasise the streamlined design, which fits seamlessly into every interior design style.



5,6" (14.2) digital display

Display screen for user-friendly operation

10 switching functions and 10 call destinations

Surface-mount

Aluminium silver, bronze or black, anodised

VIDEO INDOOR STATION, SURFACE-MOUNT

	H x W x D in mm	Price	Article no.
Aluminium, anodised silver	190 x 148 x 24	998,00 €	CAI2300-0150
Aluminium, anodised bronze	190 x 148 x 24	998,00 €	CAI2300-0151
Aluminium, anodised black	190 x 148 x 24	998,00 €	CAI2300-0156

SIMPLY OPEN THE DOOR VIA TOUCH VIDEO TERMINAL

Simple design meets modern door communication. The video terminal with its seven inch digital display provides a clear view in front of the door. The device can be operated intuitively via touch buttons with easy-to-understand symbols.



7" (17.8 cm) digital display

Simple basic functionality

Touch buttons

Ring tone mute

On-screen display for convenient operation

Surface-mount

With function button

VIDEO INDOOR STATION	HxWxD in mm	Price	Article no.
Video terminal, menu language: English	227 x 157 x 21	550,00 €	IVE70-1002
Video terminal, menu language: Turkish	227 x 157 x 21	550,00 €	IVE70-1004

WELCOME YOUR VISITORS VIA TOUCH SKYLINE: TEN BASIC

The 10.1" touch display of this indoor station allows an intuitive control – similar to a tablet or a smartphone. Furthermore, it has over four short-cut keys and easy-to-understand icons. Audio, image and video files can be stored in the internal memory. A personal gallery in standby mode converts the display into a digital picture frame. For mobile applications, e.g. E-Mail, calendar or browser, LAN and WLAN are integrated.



10.1" (25.6 cm) touch display

Resolution 1.280 x 800 pixel

Intuitive operation

4 function buttons

Integrated SD card reader for transmitting image and sound files

Receipt of TCS:BUS text messages

Gallery display in stand-by mode with background music

LAN and WLAN integrated

COLOURS



silver



black

USER INTERFACE



Expected comfort already usable at the front door. Via the TCS:BUS the indoor station receives centrally sent text messages. This could be information of the landlord or the manufacturer. Thanks to pre-installed Apps, the indoor station displays a calendar, current weather forecasts or even the latest E-Mails. Via browser even surfing in the internet is possible.

FUNCTIONS

Receipt of text messages

For the receipt of centrally sent text messages. Unread message are displayed separately.

Up to 20 switching functions adjustable

Triggering of 20 commands (door operator, garage door operator, outside light).

Up to 20 internal calls adjustable

20 internal calls can be saved (hobby room, attic storey, garage...)

Internal image and video memory storage

Manually and after door call. Maximum 500 images or 50 video sequences with a maximum length of 10 seconds.

24 different ring tones

13 ISH/ISW ring tones, 11 music ring tones, individual ring tones (mp3).

PTZ function

Facilitates the video monitoring of multiple building sides with only one PTZ camera.

Gallery display

Slideshow with files from SD card. Individual background music (mp3).

Comfort

Time display, location-based weather display, calendar, app favourites.

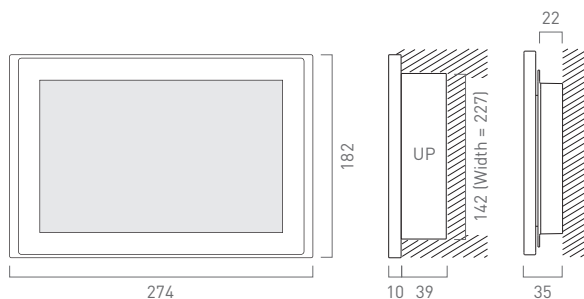
Phone book

For 20 indoor stations and 20 front-door stations.

Proximity sensor

Display is activated in case of proximity.

DIMENSIONS (IN MM)



The surface-mounted housing box is part of the scope of delivery – if a flush-mount installation is not planned.

VIDEO INDOOR STATIONS

	HxWxD in mm	Price	Article no.
skyline:ten BASIC (aluminium, anodised silver)	182x274x10 (+39 FM)	960,00 €	IWV9011-0261
skyline:ten BASIC (aluminium, anodised black)	182x274x10 (+39 FM)	960,00 €	IWV9011-0262

MAKING A STRONG IMPRESSION CARUS HABERA

The Carus HABERA iPad holder is the Carus interpretation of the popular Free iPad holder from viveroo. The design has been adapted to the Carus range. The surface is hand-ground and electrochemically polished and anodised. A functional gem.



For iPad Air, iPad Air2, iPad Pro 9,7" (March 2017)

Rear lightning connector for charging with the original charging device and original charging cable (provided by the customer)

Rear USB port for Apple network adapters (provided by the customer)

Surface-mount

Optional with charging device and flush-mount socket for wall mounting

COLOURS | MATERIALS

Aluminium,
anodised silverAluminium, an-
odised bronzeAluminium,
anodised black

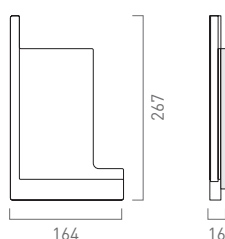
VARIANTS



ACCESSORIES

For surface-mount variant;
pattress box and integrated
power supply unit

DIMENSIONS (IN MM)



IPAD HOLDER (SURFACE-MOUNTING VARIANT)	H x W x D in mm	Price	Article no.
Aluminium, anodised silver	164 x 267 x 30	590.00 €	CIM2010-0150
Aluminium, anodised bronze	164 x 267 x 30	590.00 €	CIM2010-0151
Aluminium, anodised black	164 x 267 x 30	590.00 €	CIM2010-0156

IPAD HOLDER
(SURFACE-MOUNTING VARIANT, WITH PATTRESS
BOX AND INTEGRATED POWER SUPPLY UNIT)

	H x W x D in mm	Price	Article no.
Aluminium, anodised silver	164 x 267 x 30	690,00 €	CIM2110-0150
Aluminium, anodised bronze	164 x 267 x 30	690,00 €	CIM2110-0151
Aluminium, anodised black	164 x 267 x 30	690,00 €	CIM2110-0156



Ready

Variable

Extendable

Cost-conscious

Pre-configured



SETS + PACKS

AUDIO

pre:packs Audio, 1 – 20 Flats NEW with TASTA	64
--	----

VIDEO

easy:packs Video, 1 – 3 Flats NEW with TASTA	66
--	----

video:packs, 1 – 16 Flats NEW with TASTA	67
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SAVE A LOT OF TIME PRE:PACKS AUDIO

1x FRONT DOOR STATION



OR

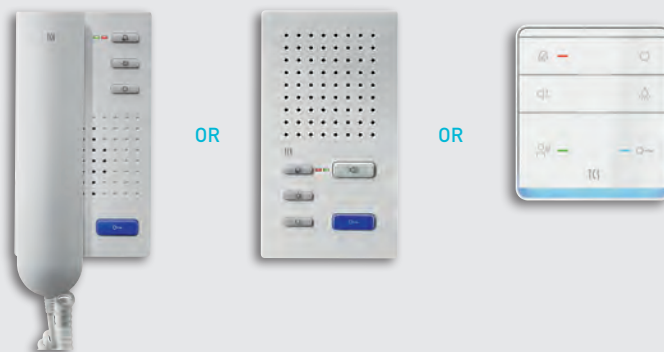
Front door station
for surface-mount,
series PAK

PAK08-EN > P. 11

Front door station
for flush-mount,
series PUK

PUK08/1-EN > P. 14

3-20x INDOOR STATIONS



OR

OR

Handset
for surface-mount

ISH3030-0140 > P. 44

Hands-free device
for surface-mount

ISW3030-0140 > P. 44

Hands-free device
TASTA for
surface-mount

ISW5010-0145 > P. 46

1x CONTROL UNIT

Control unit BVS20-SG



FRONT DOOR ST. (SURFACE), SERIES PAK

	Price	Article no. with door phone	Article no. hands-free device	Article no. TASTA hands-free device
1 flat	425,00 €	PSC2110-0000	PSC2210-0000	PSC2310-0000
2 flats	495,00 €	PSC2120-0000	PSC2220-0000	PSC2320-0000
3 flats	649,00 €	PPA03-EN/02	PPAF03-EN/02	
4 flats	709,00 €	PPA04-EN/02	PPAF04-EN/02	
5 flats	769,00 €	PPA05-EN/02	PPAF05-EN/02	
6 flats	829,00 €	PPA06-EN/02	PPAF06-EN/02	
7 flats	889,00 €	PPA07-EN/02	PPAF07-EN/02	
8 flats	949,00 €	PPA08-EN/02	PPAF08-EN/02	



FRONT DOOR ST. (SURFACE), SERIES PES

	Price	Article no. with door phone	Article no. hands-free talking
10 flats	1.069,00 €	PPA10-EN/02	PPAF10-EN/02
12 flats	1.189,00 €	PPA12-EN/02	PPAF12-EN/02
14 flats	1.309,00 €	PPA14-EN/02	PPAF14-EN/02
16 flats	1.429,00 €	PPA16-EN/02	PPAF16-EN/02
18 flats	1.549,00 €	PPA18-EN/02	PPAF18-EN/02
20 flats	1.669,00 €	PPA20-EN/02	PPAF20-EN/02



FRONT DOOR ST. (FLUSH), SERIES PUK ONE CLOUMNS

	Price	Article no. with handset	Article no. hands-free device	Article no. TASTA hands-free device
1 flat	455,00 €	PSU2110-0000	PSU2210-0000	PSU2310-0000
2 flats	525,00 €	PSU2120-0000	PSU2220-0000	PSU2320-0000
3 flats	690,00 €	PPU03-EN/02	PPUF03-EN/02	
4 flats	750,00 €	PPU04-EN/02	PPUF04-EN/02	
5 flats	810,00 €	PPU05-EN/02	PPUF05-EN/02	
6 flats	870,00 €	PPU06-EN/02	PPUF06-EN/02	
7 flats	930,00 €	PPU07-EN/02	PPUF07-EN/02	
8 flats	990,00 €	PPU08-EN/02	PPUF08-EN/02	
9 flats	1.050,00 €	PPU09-EN/02	PPUF09-EN/02	
10 flats	1.110,00 €	PPU10-EN/02	PPUF10-EN/02	



FRONT DOOR ST. (FLUSH), SERIES PUK TWO COLUMNS

	Price	Article no. with handset	Article no. hands-free device
8 flats	1.050,00 €	PPU08/2-EN/02	PPUF08/2-EN/02
10 flats	1.170,00 €	PPU10/2-EN/02	PPUF10/2-EN/02
12 flats	1.290,00 €	PPU12/2-EN/02	PPUF12/2-EN/02
14 flats	1.410,00 €	PPU14/2-EN/02	PPUF14/2-EN/02
16 flats	1.530,00 €	PPU16/2-EN/02	PPUF16/2-EN/02
18 flats	1.650,00 €	PPU18/2-EN/02	PPUF18/2-EN/02
20 flats	1.770,00 €	PPU20/2-EN/02	PPUF20/2-EN/02



ACCESSORY

	HxWxD in mm	Price	Article no.
weather protection roof for PAK, anodised natural	61 x 109 x 50	58,00 €	PAKDA-EN
weather protection roof for PES/PDS, aluminium	83 x 140 x 60	58,00 €	PRODA-EN
mounting plate for PES/PDS, aluminium	on request	on request	mounting plate
mounting plate for PAK01-04, anodised natural	247 x 170 x 3	96,00 €	ZAM1101-0010
mounting plate for PAK01-04, anodised natural	284 x 170 x 3	101,00 €	ZAM1102-0010
mounting plate for PAK01-04, anodised natural	338 x 170 x 3	106,00 €	ZAM1103-0010
mounting plate for PAK07/08-EN, anodised natural	413 x 170 x 3	111,00 €	ZAM1104-0010

COST-CONCIOUS COMFORT EASY:PACKS

1x FRONT DOOR STATION



Video-2-wire front door station for surface-mount, series AVC

AVC11010-0010 > P. 17

1-3x INDOOR STATION



Video-2-wire handset for surface-mount

IVH4222-0140 > P. 49

OR



Video-2-wire hands-free device TASTA for surface-mount

IVW5211-0145 > P. 50

1x CONTROL UNIT

Control unit VBVS05-SG



VIDEO FRONT DOOR ST. (SURFACE), SERIES AVC

	Price	Article no. video handset	Price	Article no. hands-free device
1 flat	789,00 €	PVC2410-0010	889,00 €	PVC2310-0010
2 flats	989,00 €	PVC2420-0010	1.189,00 €	PVC2320-0010
3 flats	1.189,00 €	PVC2430-0010	1.489,00 €	PVC2330-0010



ACCESSORY

	HxWxD in mm	Price	Article no.
weather protection roof, anodised natural	61 x 109 x 50	58,00 €	PAKDA-EN
mounting plate, anodised natural	338 x 170 x 3	106,00 €	ZAM1103-0010

TCS:
BUS

4-16* FLATS

SEEING WHAT IS ESSENTIAL VIDEO:PACKS

1x FRONT DOOR STATION



Video front door station
for surface-mount,
series AVE

AVE14083-0010 >P.18

OR



Video front door station
for flush-mount,
series AVU

AVU14040-0010 >P.20

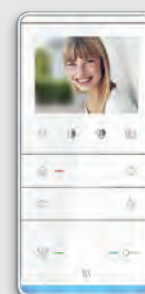
4-16x INDOOR STATION



Video handset
for surface-mount

IVH3222-0140 >P.49

OR



Video hands-free device
for surface-mount

IVW9030-0140 >P.50

1x CONTROL UNIT

Control unit VBVS05-SG



VIDEO FRONT DOOR STATION (SURFACE), SERIES AVE

	Price	Article no. video handset	Price	Article no. hands-free device
4 flats	1.840,00 €	PVE1540-0010	2.105,00 €	PVE16040-0010
5 flats	2.040,00 €	PVE1550-0010	2.405,00 €	PVE16050-0010
6 flats	2.240,00 €	PVE1560-0010	2.705,00 €	PVE16060-0010
7 flats	2.440,00 €	PVE1570-0010	3.005,00 €	PVE16070-0010
8 flats	2.640,00 €	PVE1580-0010	3.305,00 €	PVE16080-0010



VIDEO FRONT DOOR STATION (FLUSH), SERIES AVU

	Price	Article no. video handset	Price	Article no. hands-free device
4 flats	2.040,00 €	PVU1640-0010	2.440,00 €	PVU17040-0010
5 flats	2.240,00 €	PVU1650-0010	2.740,00 €	PVU17050-0010
6 flats	2.440,00 €	PVU1660-0010	3.040,00 €	PVU17060-0010
7 flats	2.640,00 €	PVU1670-0010	3.340,00 €	PVU17070-0010
8 flats	2.840,00 €	PVU1680-0010	3.640,00 €	PVU17080-0010



comfortable

extendable

flexible

TCS OVER IP

MORE COMFORT AT HOME AND IN THE OFFICE

By using TCS over IP, TCS combines all products which make TCS:BUS systems network-compatible. TCS also provides a range of IP-capable front door stations enabling a direct LAN-integration. The AVD IP or the AVN as standard series and Carus ARGOS for the more upmarket requirements.

PLANNING TCS OVER IP - System requirements

The system requirements for operating a TCS over IP system are based on the availability of a SIP server. This function can be assumed by the TCS IP Gateway, but also by a SIP-enabled router such as e.g. of a FritzBox, a SIP telephone system or an external SIP provider. The requirements for the TCS:App and TCS:Softphone are available for download under www.tcsag.de.

INSTALLING TCS OVER IP - Planning and configuration

TCS over IP opens completely new possibilities for door communication. We support you on your way into the IP world. An existing LAN network can be used by translating the signals of TCS:BUS to the internet protocol. This is the job of the TCS IP Gateway. And consequently TCS IP front door stations can be controlled via a smart phone by the TCS:App. For functional buildings and with the solution TCS:Softphone, TCS offers an option to operate the door communication directly at a workplace.

TCS:APP



TCS:APP FOR SMARTPHONE/TABLET

The TCS:App enables the operation of door communication with Smartphone and tablet. The TCS:App is available free of charge for iOS and Android.

IP FRONT DOOR STATION CARUS ARGOS

For the more upmarket requirements in residential buildings as well as for the use in functional buildings, the high-quality IP video front door station ARGOS with up to 1.000 call destinations is the first choice. Impressive through its clear design and its unique functionality.



7" (17,8cm) Light-intense
LC display

SIP compatible

Full-duplex voice transmission

130° camera with 2 megapixel

Integrated codelock via keypad

Tamper switch

High-quality echo suppression

RFID reader

For surface- and flush-mount

TCS:
IP

COLOURS | MATERIALS

Aluminium,
anodised silverAluminium,
anodised blackAluminium
anodised bronze

VARIANTS



ARGOS also available as
flush-mounted version
behind front panels, only
display visible



ARGOS with integrated
BCM transponder reader



ARGOS Slim,
150 mm Width
(bronze only)



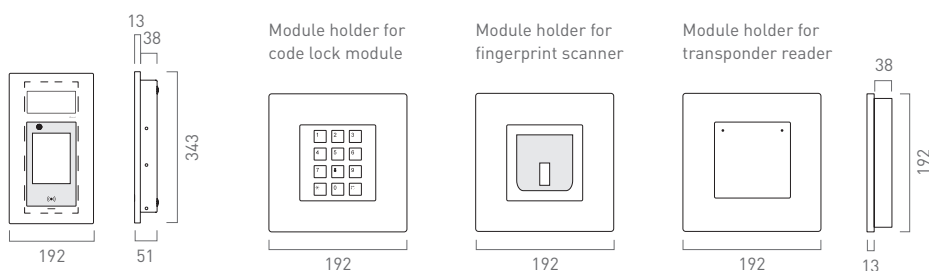
ACCESSORY

Module holder for AMI modules
on request.
AMI module frame as flush-mounted
box for wall mounting), on request

- > Code lock module
- > Fingerprint scanner module
- > Transponder reader module



DIMENSIONS (IN MM)



IP VIDEO FRONT DOOR STATION

	HxWxD in mm	Price	Article no.
ARGOS IP in aluminium, anodised silver	343 x 192 x 13 (+38 mm FM)	3.190,00 €	CAE3002-IP-0150
ARGOS IP in aluminium, anodised black	343 x 192 x 13 (+38 mm FM)	3.190,00 €	CAE3002-IP-0156
ARGOS IP XL in aluminium, anodised silver	363 x 192 x 13 (+38 mm FM)	3.990,00 €	CAE3102-IP-0150
ARGOS IP XL in aluminium, anodised black	363 x 192 x 13 (+38 mm FM)	3.990,00 €	CAE3102-IP-0156
ARGOS IP SLIM in aluminium, anodised bronze	343 x 150 x 13 (+38 mm FM)	3.190,00 €	CAE3202-IP-0151

IP FRONT DOOR STATION SERIES ASN/AVN

For project volumes from 1 to 30 flats this high-performance IP front door station series, which is available as video (series AVN) and audio version (series ASN), is the perfect solution. The device, suitable for flush-mount, fits to every architectural style with its gentle design.



For up to 30 bell buttons

Integration into the network
via LAN connection

Flush integrated
colour camera

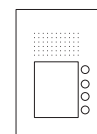
For flush-mount

Aluminium or stainless steel

LEDs for night vision

TCS:
IP

SERIES ASN (AUDIO)



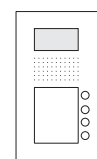
IP AUDIO FRONT DOOR STATION

1 – 10 BUTTONS

ONE COLUMN

	front plates HxWxD in mm	flush-mount box HxWxD in mm	...10 Prices	...30 Prices	Article no.
1 button	208 x 150 x 3	159 x 126 x 40	792,00 €	1.031,00 €	ASN01010-02
2 buttons	208 x 150 x 3	159 x 126 x 40	808,00 €	1.047,00 €	ASN01020-02
3 buttons	208 x 150 x 3	159 x 126 x 40	824,00 €	1.063,00 €	ASN01030-02
4 buttons	208 x 150 x 3	159 x 126 x 40	840,00 €	1.079,00 €	ASN01040-02
5 buttons	230 x 150 x 3	181 x 126 x 40	856,00 €	1.095,00 €	ASN01050-02
6 buttons	252 x 150 x 3	203 x 126 x 40	872,00 €	1.111,00 €	ASN01060-02
7 buttons	274 x 150 x 3	225 x 126 x 40	888,00 €	1.127,00 €	ASN01070-02
8 buttons	296 x 150 x 3	247 x 126 x 40	904,00 €	1.143,00 €	ASN01080-02
9 buttons	318 x 150 x 3	269 x 126 x 40	920,00 €	1.159,00 €	ASN01090-02
10 buttons	340 x 150 x 3	291 x 126 x 40	936,00 €	1.175,00 €	ASN01100-02

SERIES AVN (VIDEO)



IP VIDEO FRONT DOOR STATION

1 – 8 BUTTONS

ONE COLUMN

	front plate HxWxD in mm	flush-mount box HxWxD in mm	...10 Prices	...30 Prices	Article no.
1 button	252 x 150 x 3	203 x 126 x 40	1.054,00 €	1.293,00 €	AVN01010-02...
2 buttons	252 x 150 x 3	203 x 126 x 40	1.070,00 €	1.309,00 €	AVN01020-02...
3 buttons	252 x 150 x 3	203 x 126 x 40	1.086,00 €	1.325,00 €	AVN01030-02...
4 buttons	252 x 150 x 3	203 x 126 x 40	1.102,00 €	1.341,00 €	AVN01040-02...
5 buttons	274 x 150 x 3	225 x 126 x 40	1.118,00 €	1.357,00 €	AVN01050-02...
6 buttons	296 x 150 x 3	247 x 126 x 40	1.134,00 €	1.373,00 €	AVN01060-02...
7 buttons	318 x 150 x 3	269 x 126 x 40	1.150,00 €	1.389,00 €	AVN01070-02...
8 buttons	340 x 150 x 3	291 x 126 x 40	1.166,00 €	1.405,00 €	AVN01080-02...

VARIANTS WITH 9 TO 30 BUTTONS ON REQUEST

Layout with 2 columns



Layout with 3 columns



Colours | materials: ...10 anodised natural, ...30 stainless steel grinded
Decor designs...10 available ex stock, subject to intermediate sales | ...30 with delivery time upon request

IP FRONT DOOR STATION

SERIES AVD IP

The IP video front door station Series AVD IP is suitable for door communication with IP indoor stations and SIP-enabled end devices such as e.g. SIP phones. The door communication can be implemented directly with SIP phones within a LAN or via internet.



For surface-mount with 1, 2 or 4 bell buttons

4 call destinations without numeric keypad

999 call destinations with numeric keypad

Colour camera with detecting angle of 80 degrees

Camera with infrared mode for good night vision

TCS:
IP

IP STATIONS 1–4 BELL BUTTONS	H x W x D in mm	Price	Article no.
IP video front door station, 1 button	204 x 135 x 20	854,00 €	AVD94010-0010
IP video front door station, 2 buttons	204 x 135 x 20	869,00 €	AVD94020-0010
IP video front door station, 4 buttons	204 x 135 x 20	974,00 €	AVD95040-0010
WITH NUMERIC KEYPAD	H x W x D in mm	Price	Article no.
IP video front door station, with numeric keypad, 1 button	280 x 135 x 20	1.054,00 €	AVD97010-0010
IP video front door station, with numeric keypad, 4 buttons	280 x 135 x 20	1.174,00 €	AVD98040-0010

ON TRACK FOR THE FUTURE

SERIES TASTA IP

TASTA is the new generation of TCS IP indoor stations. The communication is executed via a digital hands-free talking function. Ex works the device is equipped with two function buttons to trigger HTTP control functions or SIP calls. With the innovative and practical SmartSlot individual functions can be added easily.



3.5" (8.9 cm) display

VoIP-enabled indoor station for hands-free talking

Ex works with two function buttons for HTTP control functions and SIP calls

Selective opening of front door and floor door

With ambient illumination and orientation light

SmartSlot for additional signalling of a door call can be ordered as extension

TCS:
IP

IP INDOOR STATIONS

	HxWxD in mm	Price	Article no.
TASTA IP video	194 x 94 x 17	400,00 €	IWV5411-0145
TASTA IP audio	194 x 94 x 17	120,00 €	ISW5410-0145

DOOR COMMUNICATION BEHIND THE SCENES SERIES ASI IP

The ears hear everything. The eyes see nothing. The IP built-in door loudspeaker of the series ASI was especially designed for installation behind the loudspeaker cover. Thus, an electric bell system – for example with historic letterboxes – can be upgraded and integrated into the network structure while the existing design remains the same.



For up to 260 bell buttons

Full duplex VoIP hands-free talking

High volume for loud environments

Microphone can be separated

Resistant against feedbacks

Status indication for network connection

TCS:
IP

INSTALLATION



Installation behind fronts and in letterboxes
The IP built-in door loudspeaker can be used in many ways. Please use the installation instruction with correct installation recommendations behind fronts and in letterboxes by ...

- > Renz
- > JU
- > Lippert
- > Max Knobloch



IP built-in door loudspeaker for up to 260 buttons

IP BUILT-IN DOOR LOUDSPEAKER	HxWxD in mm	Price	Article no.
Door loudspeaker for up to 260 buttons	78 x 110 x 30	270,00 €	ASI91000-0000

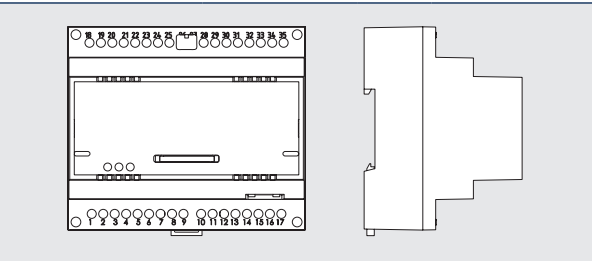
INTERFACES FOR IP SYSTEMS IP-GATEWAY

IP-GATEWAY BASIC 2.0



The IP Gateway Basic 2.0 is a bidirectional interface for connecting TCS:BUS systems to SIP capable end devices. It replaces the FBI6119.

- > Connects up to 5 TCS:BUS devices with the IP network
- > Audio and video coupling in both directions
- > Integrated SIP registry for up to 15 users
- > Up to 10 freely configurable control functions may be triggered via the web interface
- > Integration of up to 5 IP cameras or IP video front-door stations into the TCS:BUS
- > Integrated web interface with access levels for users and administrators
- > Sending of TCS:BUS short messages to compatible video indoor stations IP Gateway ADVANCED 2.0
FBI6124-0400



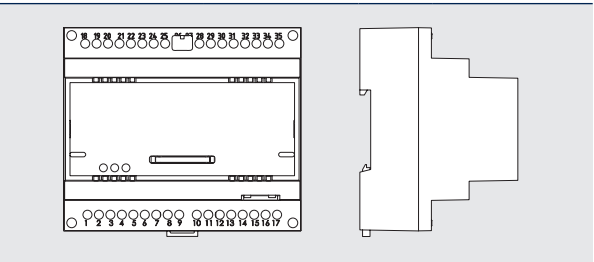
Dimensions	Price	Article no.
6 SU for DIN-rail mounting	615,00 €	FBI6123-0400

IP-GATEWAY ADVANCED 2.0

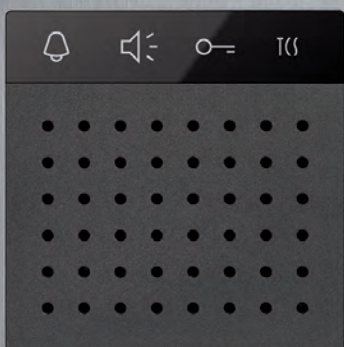


The IP Gateway Advanced 2.0 is a bidirectional interface for connecting TCS:BUS systems to SIP capable end devices. It replaces the FBI6121 and FBI6124.

- > Connects up to 90 TCS:BUS devices with the IP network
- > Audio and video coupling in both directions
- > 340 users, of which 90 are TCS:BUS devices
- > Up to 200 freely configurable control functions may be triggered via the web interface
- > Integration of up to 64 IP cameras or IP video front-door stations into the TCS:BUS
- > Integrated web interface with access levels for users and administrators
- > Sending of TCS:BUS short messages to compatible video indoor stations



Dimensions	Price	Article no.
6 SU for DIN-rail mounting	915,00 €	FBI6124-0400



Compact

To be opened securely

Access via fingerprint or code



ACCESS CONTROL

ACCESS CONTROL	80
Fingerprint scanner	80
Code lock	81
Building communication management	82
Knob cylinder: pack	83

ACCESS CONTROL FINGERPRINT SCANNER



System functions

Integration in flush-mounts	as individualised fitting
Operating mode	stand-alone
Number of fingerprints resp.user	memory for up to 99
Configuration options	manually on the control unit

Housing and installation

Type of installation	installation in front-door stations PUK or AVU
Material and colour	stainless steel cover, plastics black
Recommended installation height	bottom edge > 1.550 mm
Installation site	protection against precipitation in the inside and in the outside area

Technical features

Functional principle	line sensor
Recognition time	1 – 4 s (depending on the amount of saved fingerprints)
Security	security code for configuration, tamper-proof, no data loss in case of voltage breakdown

CODELOCK + CODELOCK12



Compact

For outdoor + indoor use

For up to 10 numeric codes

In anodised aluminium

Opens doors + garage doors
and switches light

Blue LED button illumination



System functions

Circuitry (number of wires)	3 (a/b, P)
Number of numeric codes	up to 10
Protection function	tamper switch
Stand-alone operation possible	yes (with transformer)
Configuration options	manually with configo

Triggering functions

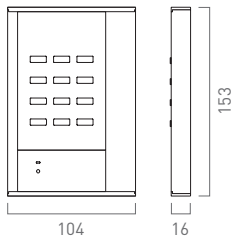
Door release	code lock
Switching	general specific

Selection | Settings

Lengths of numeric codes	1 to 6 digits
Door release time (ex works)	3 s (adjustable factory setting)
Light switch function	#-button

Housing and installation

Type of installation	surface-mount
Material and colour	aluminium anodised natural
Opening principle	win:clip



System functions

Circuitry (number of wires)	3 (a/b, P)
Number of numeric codes	up to 10
Configuration options	manually with configo
Button illumination	LEDs (indirect blue)

Triggering functions

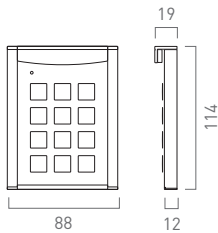
Door release	code lock
Switching	general specific

Selection | Settings

Lengths of numeric codes	1 to 6 digits
Door release time (ex works)	3 s (adjustable factory setting)
Light switch function	#-button

Housing and installation

Type of installation	surface-mount
Material and colour	aluminium anodised natural
Opening principle	concealed screws



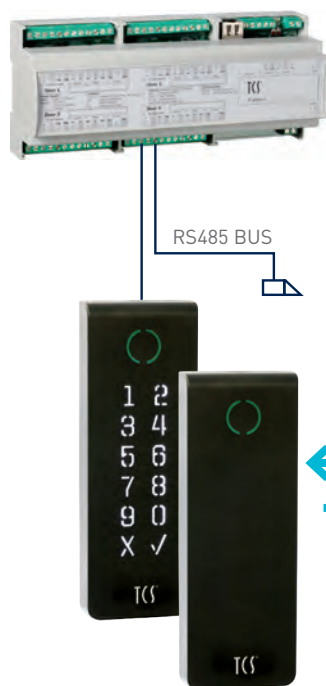
	Price	Article no.
Codelock cPAKL	282,00 €	AZC50000-0010

	Price	Article no.
Codelock12	325,00 €	AZF50000-0010
PACKAGE code:pack	452,00 €	PZF5000-0010

ACCESS CONTROL 2.0

BUILDING COMMUNICATION MANAGEMENT – BCM

BCM central with up to 2 x 4 Mifare®
Read-Write reader



TCP/IP

RS485 BUS

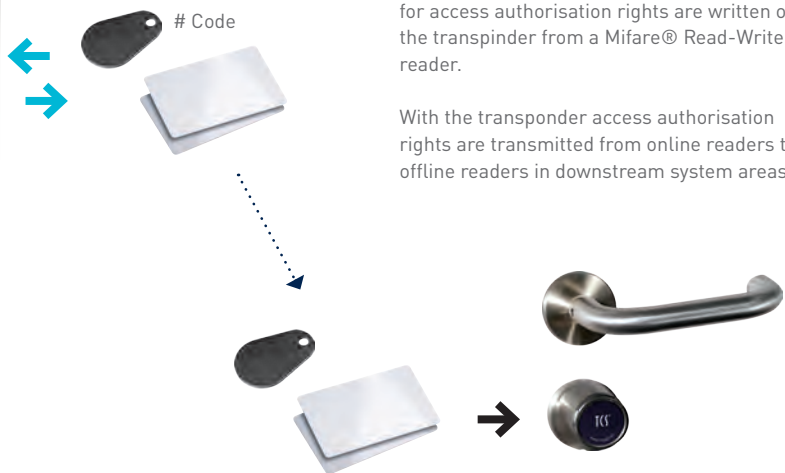


Browser view of the BCM web interface for the
administration of the user databank of a central.

When in online operation at a BCM central, data
for access authorisation rights are written on
the transponder from a Mifare® Read-Write
reader.

With the transponder access authorisation
rights are transmitted from online readers to
offline readers in downstream system areas.

Mifare® Read-Write reader,
optionally with codelock function



Alternatively to the stand-alone operation, BCM Access enables access control also in large systems in combination with central rights management. BCM Access manages the access control to buildings with a location-independent rights administration via web browser.

Access is granted at RW-readers with the help of transponder and optionally also with an additional codelock function. The transponder reader are available as devices suitable for surface-mount or integrated in the knob cylinder. The surface-mounted reader are operated online, the integrated version offline. A single BCM central controls up to four doors each with two readers (reader for entrance and exit) and is also suitable for small systems. BCM Access is able to administer up to 25.000 doors and 100.000 user. For larger systems, the BCM webinterface can be extended via multilevel licences.

SYSTEM EXTENSION

KNOB CYLINDER:PACK



1x locking cylinder (three-part)



3x MIFARE®
transponder tag,
black

1x programming card
1x uninstalling card
1x battery replacement card

Comfortable opening and closing with transponder cards

Suitable for all profile cylinder locks

No drilling and cable required

Protected against power failure by battery operation

For inside and outside

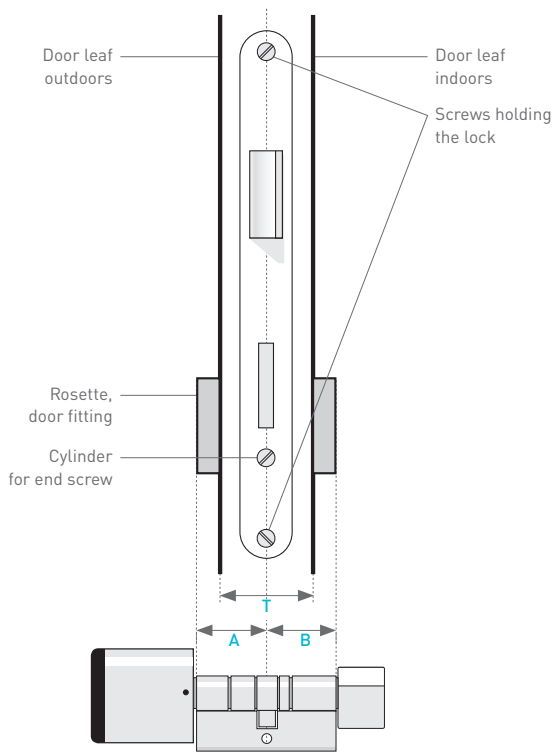
For doors without electrical door release

Open for technology. Single doors can be easily equipped with an electronic lock system due to cylinder knob:packs – no drilling or wiring required. Suitable for all profile cylinder locks. Compared to traditional keys the three main benefits include more security, more comfort and lower operating costs. There is no need for an expensive repurchase if keys get lost. This makes them especially interesting for commercial buildings like hotels. The insurance protection of an existing building contents insurance is maintained.

DIMENSIONS (IN MM)

External knob	length = 42,7 d = 40,0
Internal knob	length = 20,0 d = 29,5
Profile cylinder	lengths = 30/30 up to 70/70

PRODUCT OVERVIEW



- T** Door thickness
A Locking side: Measurement external with rosette resp. door fitting
B Knob side: Measurement internal with rosette resp. door fitting

INSTALLATION

The locking cylinder is delivered three-part consisting of an external knob, a profile cylinder and an internal knob. The minimum measurement of the profile cylinder is 30/30mm, each side prolongable in 5 mm steps. The packs can be ordered as an item variant with a total lengths of the profile cylinder of up to 140mm or a maximum lengths up to 70mm for each side.



external knob profile cylinder internal knob

When selecting the lengths A and B please note that the profile cylinder can be integrated in both directions. The couplings for the internal and external knobs are identical.

OPERATING MODE

Operating mode stand-alone for transponder reader

The transponder reader of the cylinder knob:packs are operated in stand-alone mode. The transponder IDs are saved locally in the reader. The access is only granted by reading out this transponder ID. The transponders are imported by means of a programming card in the programming mode.

System functions

Maximum number of keys or locking rights	up to 96 technically possible up to 10 virtually recommended
Transponder reader	read function, battery-operated
Transponder	passive, battery-free (card or tag)
Knob cylinder	without electrical contact
Range of application	installation in PZ locks or possible on fire doors (no mounting holes or wiring required)

Operating modes

Stand-alone operation	yes
-----------------------	-----

Selection | Settings | Programming

Configuration	with programming card
Installation	by locking the external and internal knob into place in the profile cylinder
Uninstallation	with uninstallation card
Uninstallation with discharged battery	can be supplied externally by battery adapter
Battery replacement (opening the cover)	with battery replacement card

Displays

Status display	LED (red) LED (green)
Programming mode	visual and acoustic

Housing | Installation

Material and colour	brass nickel-plated with hard plastic cover
Type of installation	integrated into the door

Technical features

Technology, carrier frequency	MIFARE® DESFire EV1, (13.56 MHz)
Type of battery	2 batteries CR2 lithium 3V
Battery runtime	up to 35,000 activities possible (approx. the last 1,000 possible activities are acoustically signalled)
Degree of protection	IP55 IP66 (suitable for indoor and outdoor use)
Acceptable ambient temperature	-20° C to 65° C



KNOB CYLINDER:PACKS

Article no.

for the range of application IP55

811-003- A B

Lengths A (mm)

30	35	40	45	50	55	60	65	70	Lengths B (mm)
415,00 €	428,00 €	441,00 €	454,00 €	467,00 €	480,00 €	493,00 €	506,00 €	519,00 €	
428,00 €	441,00 €	454,00 €	467,00 €	480,00 €	493,00 €	506,00 €	519,00 €	532,00 €	
441,00 €	454,00 €	467,00 €	480,00 €	493,00 €	506,00 €	519,00 €	532,00 €	545,00 €	
454,00 €	467,00 €	480,00 €	493,00 €	506,00 €	519,00 €	532,00 €	545,00 €	558,00 €	
467,00 €	480,00 €	493,00 €	506,00 €	519,00 €	532,00 €	545,00 €	558,00 €	571,00 €	
480,00 €	493,00 €	506,00 €	519,00 €	532,00 €	545,00 €	558,00 €	571,00 €	584,00 €	
493,00 €	506,00 €	519,00 €	532,00 €	545,00 €	558,00 €	571,00 €	584,00 €	597,00 €	
506,00 €	519,00 €	532,00 €	545,00 €	558,00 €	571,00 €	584,00 €	597,00 €	610,00 €	
519,00 €	532,00 €	545,00 €	558,00 €	571,00 €	584,00 €	597,00 €	610,00 €	623,00 €	



KNOB CYLINDER:PACKS

Article no.

for the range of application IP66

817-003- A B

Lengths A (mm)

30	35	40	45	50	55	60	65	70	Lengths B (mm)
550,00 €	563,00 €	576,00 €	589,00 €	602,00 €	615,00 €	628,00 €	641,00 €	654,00 €	
563,00 €	576,00 €	589,00 €	602,00 €	615,00 €	628,00 €	641,00 €	654,00 €	667,00 €	
576,00 €	589,00 €	602,00 €	615,00 €	628,00 €	641,00 €	654,00 €	667,00 €	680,00 €	
589,00 €	602,00 €	615,00 €	628,00 €	641,00 €	654,00 €	667,00 €	680,00 €	693,00 €	
602,00 €	615,00 €	628,00 €	641,00 €	654,00 €	667,00 €	680,00 €	693,00 €	706,00 €	
615,00 €	628,00 €	641,00 €	654,00 €	667,00 €	680,00 €	693,00 €	706,00 €	719,00 €	
628,00 €	641,00 €	654,00 €	667,00 €	680,00 €	693,00 €	706,00 €	719,00 €	732,00 €	
641,00 €	654,00 €	667,00 €	680,00 €	693,00 €	706,00 €	719,00 €	732,00 €	745,00 €	
654,00 €	667,00 €	680,00 €	693,00 €	706,00 €	719,00 €	732,00 €	745,00 €	758,00 €	

Preferred variants with a lead time of 1 week, all other items with a lead time of 4 weeks

ACCESSORY

Price

Article no.

MIFARE® transponder tag, black	6,00 €	806-000-2001
MIFARE® transponder card, white	5,00 €	806-000-2004
Tool to de-install BCM logo plates	5,00 €	701-003-0001
BCM opening tool, 5 pieces	40,00 €	701-000-0005
BCM battery adapter	75,00 €	701-000-0007
BCM replacement programming card stand-alone MIFARE®	100,00 €	711-003-3000

Transponder tags and cards with 1 week delivery time | Accessory with 4 weeks delivery time

SIGNAGE

INDIVIDUAL
INFORMATION SIGNS



Modern number ... Each house or floor number with up to four digits will find its suitable shape here, in the three versions of foil (1), contour cut (2) or backlit (3). Stainless steel or aluminium frame the modern numerals and form a remarkable shape and material combination with only 18 mm surface mount height.



Stainless steel



aluminium

HOUSE OR FLOOR NUMBER

Foiling (1)



Contour cut (2)



Backlit (3)



Example variants for backlit house numbers



PICTOGRAM SIGNS

Foiling (1)



Contour cut (2)



Backlit (3)



DOOR SIGNS



KEYWORD LIST

	Item no.	Page	Chapter
A...	AMI...	24–31	Front door stations
	ASI...	16	Front door stations, TCS over IP
	ASN...	72	IP front door station
	ASX	10	Front door stations
	AVC...	17, 64	Front door stations
	AVD...	18	Front door stations
	AVD IP	74	TCS over IP
	AVE...	18	Front door stations
	AVN...	20, 72	TCS over IP
	AVU...	20	Front door stations
	AZC...	81	Front door stations
	AZF...	81	Front door stations
C...	CAE...	23	Front door stations
	CAE IP	71	IP front door station
	CAI...	53	Indoor stations
F...	FBI...	77	TCS over IP
I...	IMM...	48	Indoor stations
	ISH...	44	Indoor stations, TCS over IP
	ISW...	46, 75	Indoor stations, TCS over IP
	IVH...	49	Indoor stations
	IVW...	51, 75	Indoor stations
M...	MKEY01	29	Access + Cameras
	MCARD01	29	Access + Cameras

	Item no.	Page	Chapter
P...	PAK...	11	Front door stations
	PDS...	12	Front door stations
	PDT...	12	Front door stations
	PES...	12	Front door stations
	PET...	12	Front door stations
	PPA...	64	Sets + Packs
	PPAF...	64	Sets + Packs
	PPU...	64	Sets + Packs
	PPUF...	64	Sets + Packs
	PSC...	64	Sets + Packs
	PSU...	65	Sets + Packs
	PUK...	14	Front door stations
	PVC...	66	Sets + Packs
	PVE...	67	Sets + Packs
	PVU...	67	Sets + Packs
	PZF...	81	Sets + Packs
Z...	ZAU...	26	Front door stations
	ZIT...	45–55	Indoor stations

TCS – MORE THAN DOOR COMMUNICATION



TERMS AND CONDITIONS OF SALE

i For detailed information on terms and conditions of sale for the respective country, please contact us.



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SCALING COMMUNITIES FOR BUILDING + DOOR