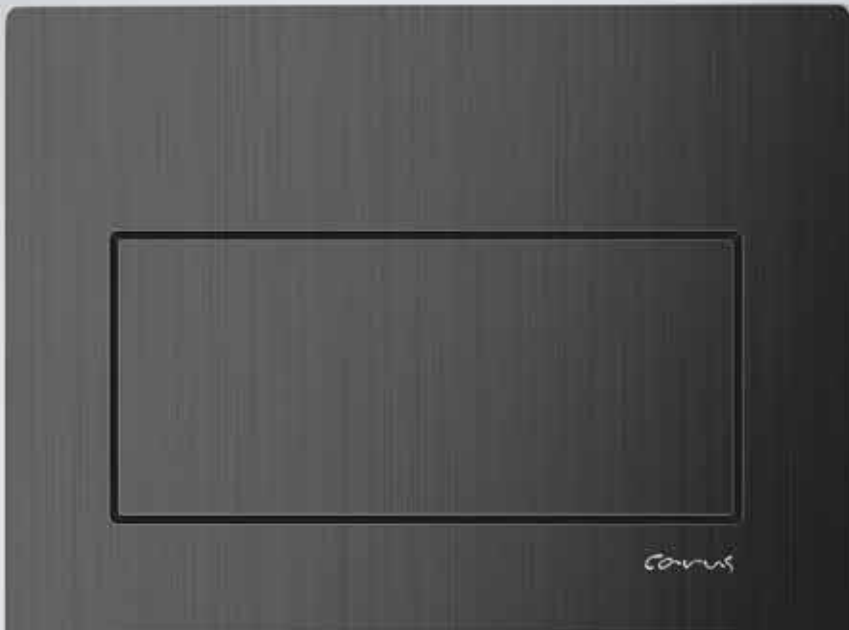




WIR ÖFFNEN  
WELTEN >



# DOOR AND BUILDING COMMUNICATION

TECHNOLOGY MADE IN GERMANY



OVERVIEW

CARUS ARGOS

- > 7" (17,8 cm) 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

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# OUR MOST SUCCESSFUL FAMILY MEMBER

## THE INVENTIVENESS

### TCS - THE COMPANY

We open up new worlds. Since 1995 TCS AG develops and produces systems technology for building communications based on this principle - from simple door communication systems to complex systems for several hundreds of flats. As founder of TCS AG, Otto Duffner leads the company into the future together with his sons Florian and Johannes. Thus, decade-long experience as well as contemporary ideas stay in perfect balance. The TCS AG is an employer of more than 300 people with worldwide sales partners.



Founder and chairman Otto Duffner with his son and member of the board Florian Herth in the production area of the TCS AG in Genthin

### TCS - RANGE OF PRODUCTS

- + Door communication
- + Building systems technology
  - Concierge and barrier systems
  - Access control
  - Intern communication
  - Digital resident information
  - Digital name administration
  - Solutions for AAL and nursing care
- + Building orientation systems SIGNAGE
- + Individual entrance systems ENTRY



TCS headquarters in Genthin

TCS:  
BUS

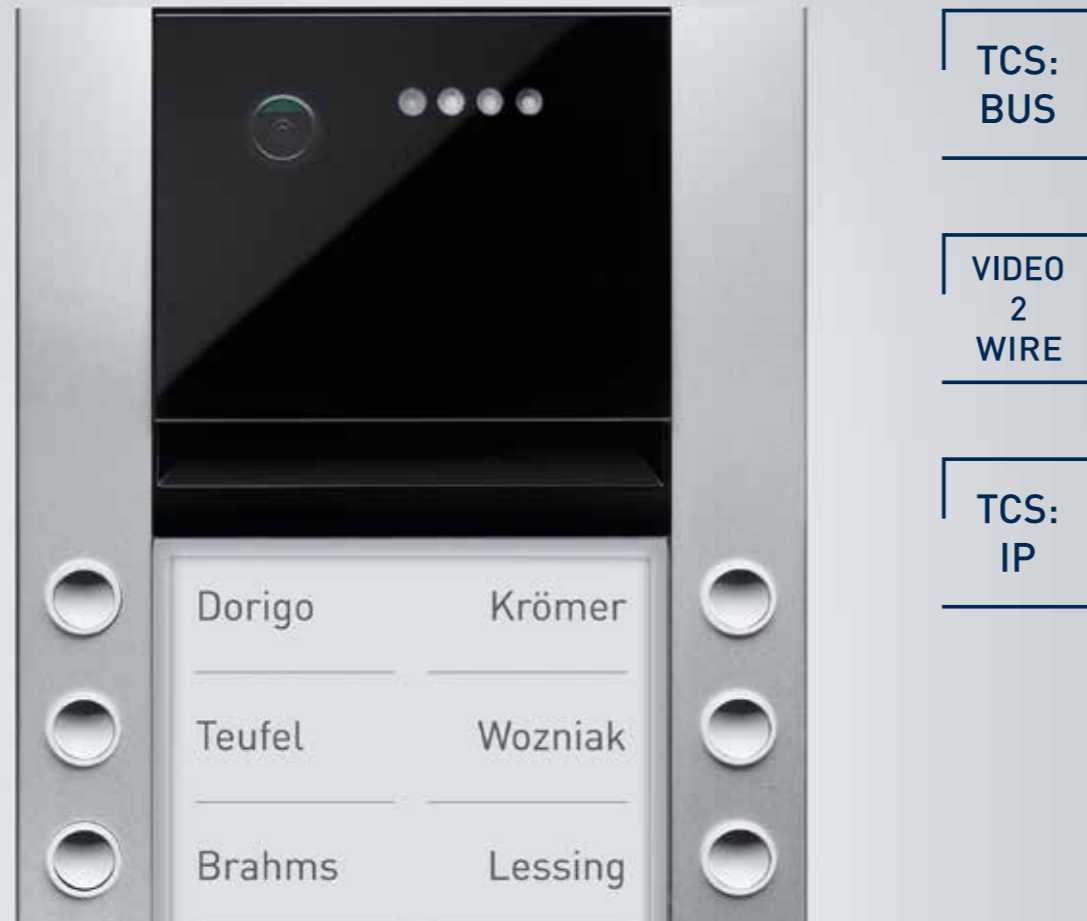
VIDEO  
2  
WIRE

TCS:  
IP

### THE DIGITAL WORLD IS AROUND THE CORNER

Besides TCS:BUS and 2-wire video technology, the IP technology will become a new standard for door and building communication. Today nearly every building has an own internet connection. All technologies can be combined with each other.

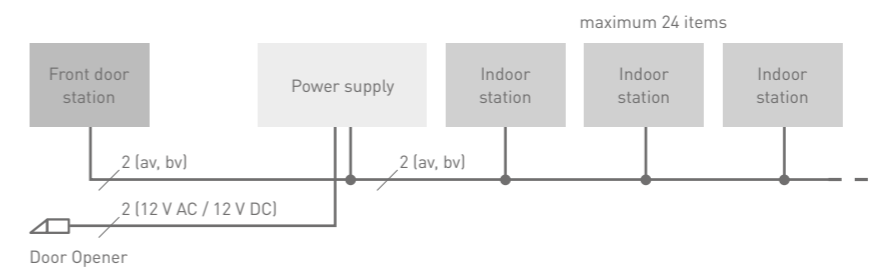




## 2-WIRE SOLUTION AT IT'S BEST EASY:PACKS

Whether a one-family home or a multi-family home (up to 24 apartments) – easy:packs guarantee a fast installation and commissioning due to compatible front door station, power supply and indoor stations. Further indoor stations or signal bells can be integrated into the system – even later.

[www.tcsag.de/en/products](http://www.tcsag.de/en/products)



Example circuit of a video 2-wire:BUS system

**VIDEO  
2  
WIRE**

## NEW! NICE AND SOLID SERIES PES PRO


The series PES PRO was created to meet all requirements of a project. Each station is designed as a compact front door station for surface-mount with illuminated bell buttons from 1 up to 120 flats.

The PES PRO will be available in three technologies. Convincing performance with barrier-free symbols, a 150° camera with infrared night view as well as a brightness sensor with three IR LEDs.

The name plates are back-lit evenly and are controlled via brightness sensor.

[www.tcsag.de/en/products](http://www.tcsag.de/en/products)

### COLOURS / MATERIAL

 Aluminum, anodised natural

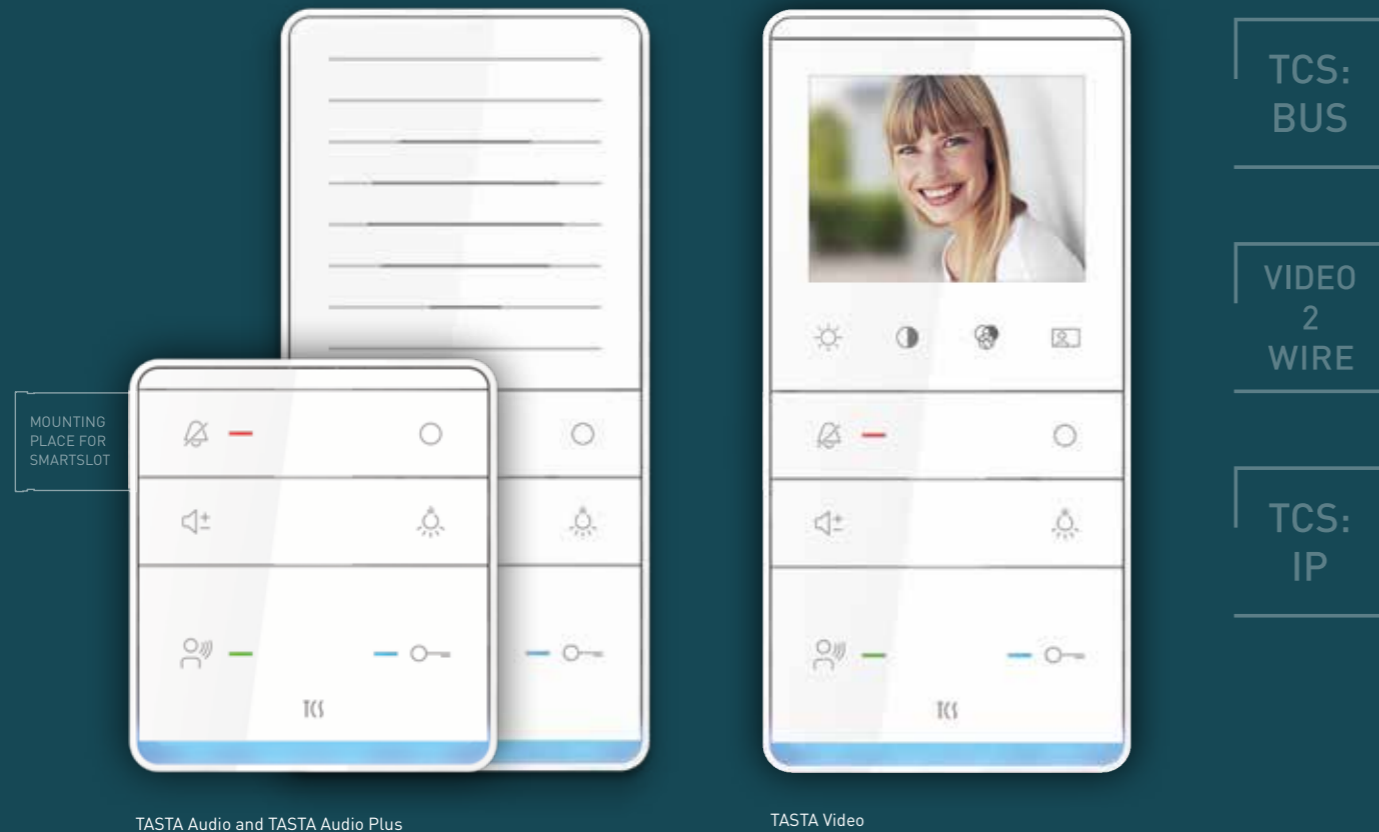
### EXTENSIONS



**TIME SAVER**  
UNPACKING  
CONNECT  
READY



Also available with video indoor station IVH3222 > Page 11



TASTA Audio and TASTA Audio Plus

TASTA Video

## CREATING UNIQUE DEVICES ONLINE TCS:CONFIGURATOR

Soon dimensions, materials, colours and functions of the series KTU can be easily designed online with the new TCS configurator. Based on a three-dimensional view, architectural requirements or customer wishes can be quickly visualised. On request, these surfaces can be anodised, PVD-coated or powder-coated individually – based on customer requirements.

[www.tcsag.de/en/design/unique](http://www.tcsag.de/en/design/unique)

Video front door station series KTU for flush-mount, aluminium, bronze-look, individual labelling via laser or engravings on request



### CUSTOMISED FRONT DOOR STATIONS WITH A MOUSE CLICK ONLY

The front door station KTU can be extended with additional functions, such as access control, illumination or special buttons. Engravings, laser cutouts or millings of names, street names, house numbers or company logos can be implemented.

[www.tcsag.de/konfigurator](http://www.tcsag.de/konfigurator)



As a TCS trading partner, you want to link the configurator to your website? Please contact us by E-Mail: [konfigurator@tcsag.de](mailto:konfigurator@tcsag.de)

## SMART FUNCTIONS TASTA INDOOR STATIONS

TASTA is the new, intelligent generation of TCS indoor stations – pure, compact, innovative. 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.

[www.tcsag.de/en/products](http://www.tcsag.de/en/products)



### SMARTSLOT

With the innovative and practical SmartSlot individual functions can be added easily.



### VARIANTS



TASTA Audio Plus ISW5030 with textile cover of door loudspeaker



# DOOR COMMUNICATION SYSTEMS

## AUDIO

TCS:  
BUS

### AUDIO FRONT DOOR STATIONS

#### SERIES PES PRO



- > For 1 up to 120 flats
- > Extendable horizontal and vertical
- > Surface-mount
- > Glass plate can be removed by loosen only one screw
- > Barrier-free symbols
- > Aluminium anodised natural
- > HxWxD in mm: 190-370x138-690x23
- > Page 4, 13

#### SERIES PAK



- > For 1 up to 8 flats
- > Surface-mount
- > Minimum projection height of only 16 mm
- > Opening without screws via win:clip™
- > Aluminium anodised natural
- > HxWxD in mm: 153-241 x 104 x 16

RAL colours and anodised colours

#### SERIES PUK



- > For up to 30 flats
- > Flush-mount
- > Opening without screws via win:clip™
- > Aluminium anodised in 4 different colors
- > HxWxD in mm: 208-340x150-398x3 (+40)

RAL colours and anodised colours

#### SERIES CARUS IRIS



- > For up to 3 flats
- > Surface-mount
- > Solid aluminum housing
- > Energy-saving LED illumination for name plates and buttons
- > Twilight sensor controlled
- > Variants: video, access control
- > Solid aluminum housing in 3 different colors
- > HxWxD in mm: 240 x 150 x 27

carus  
carus-concepts.com

#### SERIES AD2-M



- > Anti vandalism
- > 999 call destinations with numeric keypad
- > Integrated codepad
- > Configuration by PC tool
- > Integrated codelock via keypad
- > Variants: audio, video, access control (option for RFID reader)
- > HxWxD in mm: 259 x 146 x 3 (+40)

#### BUILT-IN DOOR LOUDSPEAKER



- > For up to 208 bell buttons
- > High volume for loud environments
- > Microphone can be separated
- > Resistant against feedbacks
- > Status indication during installation and maintenance
- > Accessibility (ASI12000)
- > Suitable for the series KTU
- > HxWxD in mm: 78 x 110 x 30 (Built-in door loudspeaker ASI11000)
- > HxWxD in mm: 56 x 88 x 30 (Bell button extension ASI21000)
- > Page 13

### AUDIO INDOOR STATIONS

#### TASTA AUDIO



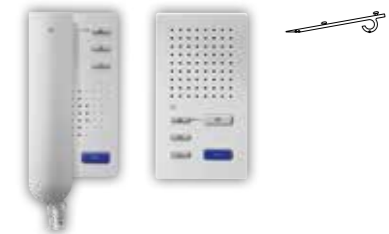
- > Specific opening of front door and floor door
- > Calls are signalled via ambient illumination
- > Door calls and ring tone mute are signalled via LEDs
- > SmartSlot for additional door call signalling
- > Surface-mount or installation at flush-mount socket
- > Plastics white, very glossy
- > HxWxD in mm: 105x94x17/21
- > Page 6, 13

#### TASTA AUDIO PLUS



- > Specific opening of front door and floor door
- > Calls are signalled via ambient illumination
- > Door calls and ring tone mute are signalled via LEDs
- > SmartSlot for additional door call signalling
- > Surface-mount or installation at flush-mount socket
- > Plastics white, very glossy in two different designs
- > HxWxD in mm: 195x94x21
- > Page 6, 13

#### DOOR PHONE AND HANDS-FREE TALKING DEVICE



- > Door release automatic
- > Internal call
- > Call diversion
- > 13 ring tones
- > Plastics white
- > HxWxD in mm: 180x100x50/25

#### CARUS ADAPTO AUDIO



- > Solid aluminum housing and buttons
- > Aluminium anodised in 4 different colors
- > Up to 20 keys for direct call or functions, up to 21 internal call destinations
- > Diverse switching functions
- > As wall and table version
- > Variants: video
- > HxWxD in mm: 163 x 101/192/285 x 11

carus  
carus-concepts.com

#### SYSTEM EXTENTION ACCESS CONTROL

Electronic access control offers more than just security. It enables flexibility towards mechanic keys, offers user convenience and reduces costs.

#### CODELOCK



- > Access via numeric codes
- > Up to 10 numeric codes can be used
- > Acoustic and optical acknowledgement
- > Button illumination (indirect blue)
- > Aluminium anodised natural
- > HxWxD in mm: 114x88x12(19)



# DOOR COMMUNICATION SYSTEMS

## VIDEO

TCS:  
BUS

### VIDEO FRONT DOOR STATIONS

#### SERIES PES PRO



- > For 1 up to 120 flats
- > Extendable horizontal + vertical
- > 150° video camera, 3 digital adjustable positions
- > brightness sensor with 3 infrared LEDs for night vision
- > Glass surface can be removed by loosen only one screw
- > Barrier-free symbols
- > Aluminium anodised natural
- > HxWxD in mm: 190-370x138-690x23
- > Page 4, 13

#### SERIES AVC



- > For 1 up to 3 flats
- > Same design as series PAK
- > Minimum projection height of only 16 mm
- > Opening without screws via win:clip™
- > Name plates made of shatterproof acrylic glass
- > Name plates are backlit with LED
- > Aluminium anodised natural
- > HxWxD in mm: 175x104x16

#### SERIES AVU



- > For 1 up to 30 flats
- > For flush-mount
- > Opening without screws via win:clip™
- > Aluminium anodised in 4 different colors
- > HxWxD in mm: 252-340x150-398x3 (+40)



#### SERIES CARUS IRIS



- > For up to 3 flats
- > Energy-saving LED illumination for name plates and buttons
- > Twilight sensor controlled
- > Video front door station with 180° camera and PTZ functionality
- > Variants: audio, access control
- > Solid aluminum housing
- > For surface-mount
- > HxWxD in mm: 350 x 150 x 27



#### SERIES AMI



- > Can be installed in combination or as single device
- > For up to 1,000 call destinations
- > Front plate made of polished stainless steel
- > Modules made of anodised aluminium black or silver
- > For flush-mount or free-standing as communication post
- > Illuminated bell buttons
- > Can be configured with configo or Service Device
- > In different colors
- > HxWxD in mm: 200-800x200/320x3(+50)



#### SERIES ADX5



- > For up to 35 flats
- > For digital name management, centralised via browser, on computer or tablet
- > Robust stainless steel housing
- > Audio or Video
- > Wall-mount, flush-mount or installation behind front panels
- > Optionally with access control
- > Camera angle of 130 degrees
- > Page 15

### VIDEO INDOOR STATIONS

#### TASTA VIDEO



- > 3.5" (8.9 cm) display
- > Video image can be adjusted with sensor buttons
- > Door call is signalled via ambient illumination
- > Door calls and ring tone mute are signalled via LED
- > SmartSlot for additional signalling of door calls
- > Optional desktop accessory
- > Surface mount or installation at flush-mount socket
- > Plastics white, very glossy
- > HxWxD in mm: 195x94x21
- > Page 6, 13

#### VIDEO DOOR PHONE



- > 3.5" (8.9 cm) digital display
- > Easy basic functionality
- > For discreet simplex communication
- > Ring tone mute
- > Intuitive operation
- > With function button
- > For surface mount
- > Plastics white
- > Desktop accessory available
- > HxWxD in mm: 250x100x50

#### CARUS ORIGO



- > 3.5" (8.9 cm) digital display
- > Solid aluminum housing and buttons
- > 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
- > Aluminium anodised in 3 different colors
- > HxWxD in mm: 186x101x24



#### SERIES SKY



- > 3.5" (8.9 cm) digital display
- > Display indication for convenient operation
- > Central image storage (FVM1000) in comfort mode
- > TCS:BUS messages can be received
- > For surface mount
- > Aluminium anodised in 3 different colors
- > Optional desktop accessory
- > HxWxD in mm: 104x153x19



#### CARUS PENTA



- > 5,6" (14.2) digital display
- > Solid aluminum housing and buttons
- > Display screen for user-friendly operation
- > 10 switching functions and 10 call destinations
- > Surface-mount
- > Aluminium anodised in 3 different colors
- > HxWxD in mm: 190x149x17



#### SKYLINE:TEN (IWV9011-0262)



- > 10.1" (25.6 cm) touch display
- > Resolution 1.280x800 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
- > For flush-mount
- > HxWxD in mm: 182x274x10 (+39)

Door communication systems plus power supply and control unit.  
Detailed information and product data sheets for TCS standard products are available for download at [www.tcsag.de/en/downloads/product-data-sheets](http://www.tcsag.de/en/downloads/product-data-sheets)

# 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 Front-door stations PES PRO IP and Carus ARGOS are for more upmarket requirements.

[www.tcsag.de/en/products](http://www.tcsag.de/en/products)

## DOOR COMMUNICATION SYSTEMS OVER IP

TCS:  
IP

### IP FRONT DOOR STATIONS AUDIO + VIDEO

#### SERIES PES PRO

NEW



- > For 1 up to 120 flats
- > Extendable horizontal and vertical
- > Audio and Video
- > Barrier-free symbols
- > Aluminium anodised natural
- > HxWxD in mm: 190-370 x 138-690 x 23
- > Page 4, 8, 10

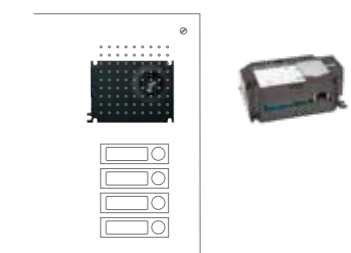
#### CARUS ARGOS IP



- > 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
- > Aluminium anodised in 3 different colors
- > HxWxD in mm: 343/363 x 150/192 x 13 (+38)
- > Page 2



#### BUILT-IN DOOR LOUDSPEAKER IP

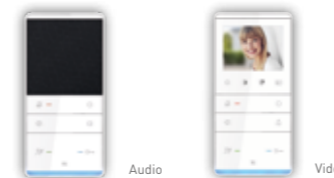


The TCU built-in door loudspeaker is not only available for TCS:BUS – as IP version it can be integrated into IP systems as well. The device is suitable for front mounting into door side panels, letterboxes or bell button tableaus.

- > For up to 260 bell buttons
- > High volume for loud environments
- > Microphone can be separated
- > Resistant against feedback
- > Page 8

### IP INDOOR STATIONS AUDIO + VIDEO

#### TASTA IP



The TASTA IP indoor stations offer excellent design and can be integrated into IP-based systems – even with several devices. For an easy installation our technical support is on your side. Whether for audio or video systems – the devices have the same dimensions.

The audio version is equipped with a solid fabric cover instead of a display.

- > Page 6, 11

### GATEWAYS

#### IP GATEWAYS



- > Linking up IP front door stations to TCS:BUS indoor stations
- > Linking up TCS:BUS front door stations to network enabled indoor stations
- > Pre-configured ex works
- > Easy interface with audio and video
- > With integrated SIP registrar



# CENTRAL ADMINISTRATION AND MANAGEMENT TCS:PLUS

The value of a property can be increased from the earliest planning stage. Therefore, TCS offers sustainable solutions for networked buildings.

## CENTRAL ACCESS CONTROL

Electronic access control offers a high level of security for buildings. The convenient administration via web interface enables fast response without locksmith and a bunch of keys.

## CONCIERGE

For buildings where door communication from several entrances, calls from residents and the operation of a barrier system should feed into a central, TCS offers the perfect solution.

## DIGITAL NAME ADMINISTRATION

Saving time via central administration and remote control – possible with the new TCS front door station ADX5 for systems with TCS:BUS. Thus, names can be assigned to the digital displays via browser. In the same way fitting bell buttons at the flat door as well as access control can be managed comfortably. Optionally a transponder reader module is already integrated.



## PLANNING DOCUMENTS

The new planning documents show clear functions and possibilities and give advice on questions about planning.

[www.tcsag.de/en/system-solutions](http://www.tcsag.de/en/system-solutions)

