



# Access IP intercom

**FULL IP/SIP AUDIO VIDEO ACCESS INTERCOM AND INTERCOMMUNICATION LAST GENERATION**



A pioneer in IP intercom and access control solutions for tertiary and industrial sectors, CASTEL has the widest access and security intercom range on the market.

**STANDARD QUOTES AND SCHEMATIC**  
(SEE PAGES 46-47)



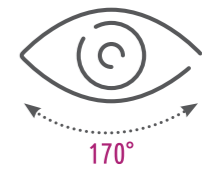
- > IP audio video access intercom compliant with disability regulations (DDA)
- > Audio video intercommunication (various IP communications networks)
- > Remote control release
- > Audio conferencing, group calls, general calls
- > Call overflow, call forwarding, call transfer, voice messaging, answerphone, automatic hang-up, privacy mode, do not disturb, call waiting, priority call, presence detection functions, etc. are available
- > Time programming by profile (call and directory)
- > Audio video backup
- > PoE / PoE+ power supply

IP	Wiring RJ45	SIP protocol (RFC 3261)	PoE (IEEE 802.3af) PoE+ (IEEE 802.3at)	Full Duplex	Audio codec: G711 Ulaw/Alaw, GSM, G722, G729
	Ethernet connection security with 802.1X protocol	DDA compliant stations	DTMF: RFC 2833 SIP INFO	Wifi wireless network (IEEE 802.11a/b/g/n)	
	SNMP V2 AND V3 STATIC IP or DHCP	Stations with integrated web interface	DSP technology	Video codec: CIF/QCIF, VGA/QVGA, HD, H263, H263+, H264	



## MAIN APPLICATIONS

Access intercom (tertiary industry buildings and industrial sites, HGV access points for logistics sites, office access, emergencies, etc.), Smartphones mobile intercom, service intercommunication, customisable intercom, and many other customised applications.



## MAIN BENEFITS

### HD video quality

- > Colour video camera (1920x1080)
- > Wide angle (170° horizontal)
- > Removable camera window for easier maintenance (patented system)
- > QR code reading

### Style and durability

- > Design combining modernity with simplicity
- > Designed for the most demanding environments: IK 09, IP 66 (depending on the model)

### Hi-Fi sound quality

- > 10 W power
- > Full Duplex communication
- > Noise and echo cancelling system (DSP)
- > 16 kHz sampling frequency
- > Mechanical, acoustically optimised design

### Native Full IP / SIP

- > 1 single network cable (RJ45) for managing audio, video, data and power supply (PoE / PoE +)

### Full connectors

- > 2 RJ45: switch function, bus IP architecture, network loopback
- > USB Port: external camera
- > RS485: input / output modules
- > 2 inputs / 2 relays

### Total intercommunication

- > Between the different stations over an IP network using the SIP protocol
- > Via a direct SIP link - Stand Alone
- > Or through an SIP Castel server or an IPBX






Castel SIP application



Entry station  
with Bluetooth reader

### Multi-support call reception

- > Dedicated master stations and monitors
- > Smartphones and tablets (using the Castel SIP application)
- > PC Softphone (SIP audio video reception interface)
- > Microsoft Teams 
- > SIP phones, GSM, DECT, analog phones, etc.

### Interoperability with the Security ecosystem

- > SIP Protocol
- > The most common audio and video codecs (G711, G722, G729, GSM, H263, H263+, H264 ...)
- > SNMP
- > RTSP
- > ONVIF®

### Easy and user-friendly web interface

- > For remote configuration of the stations and the servers

### Cybersecurity

- > Stations benefit from the latest developments guaranteeing optimal cybersecurity protection
- > Firewall, advanced password management with encryption, security log, https TLS, multi VLAN support, IP Protect, Radius, etc.

### A solution that complies with laws relating to accessibility for disabled people (DDA)

- > Wide angle, colour video camera
- > Pictograms for disabled people, viewed with coloured LEDs (or directly on screen according to the models)
- > Sound damping messages
- > Integrated audio induction loop
- > Keypad with Braille buttons



## LAW OBLIGATION (FRENCH LAW)

### CAR PARK

- > Where an access control system or a car park exit exists, the system enables deaf, hearing or speech impaired people to report their presence to the staff and to be informed that their call is taken into account. Individually and with a non-direct view by the staff of those accesses or exits:
  - any signal related to the access system operation must be audible and visual;
  - intercoms are equipped with a system that allows staff to see the driver.
- > During installation and renewal, the intercoms include:
  - a magnetic induction current loop complying with described provisions in annex 9 (see Order from December 8 2014). The specifications of NF EN 60118-4:2007 are deemed to comply with those requirements.
  - visual feedback of main orally provided information.

### ACCESS TO BUILDING OR INSTALLATION

- > Communication systems between public and staff as well as manually operated systems available to the public shall meet the following requirements:
  - be located more than 0,40 m of the angles of walls or of any other obstacle to a wheelchair approach ;
  - be at a height between 0,90 m and 1,30 m.
- > Door opening system is available in «upright» or «seated» position.
- > In case of an electric locking device, it must allow disabled people to reach the door and start the opening operation until the door relocks. Door unlock button shall be marked with visual and tactile warnings.
- > Any signal related to the access system operation must be audible and visual.
- > Where an access control system exists, the system enables deaf, hearing or speech impaired people to report their presence to the staff and to be informed that their call is taken into account. Individually and with a non-direct view by the staff of those accesses intercoms are equipped with a system that allows staff to see the visitor.
- > During installation and renewal, the intercoms include:
  - a magnetic induction current loop complying with described provisions in annex 9 (see Order from December 8 2014). The specifications of NF EN 60118-4:2007 are deemed to comply with those requirements;
  - visual feedback of main orally provided information.

### LIFTS

- > A new emergency system must be equipped with visual and audible signs and an existing emergency system undergoing amendments includes:
  - a yellow pictogram in addition to an audio signal that transmits a demand, to indicate that the emergency request was issued.
  - a green pictogram in addition to an audio signal usually requested (voice communication) to indicate that the emergency was registered.
  - communication assistance for hearing impaired people such as a magnetic induction current loop.
- > In all cases, audible signals and spoken messages are adjustable between 35 and 65 dB.

#### Regulations (French law):

Ordinance n° 2014-1090 dated September 26th 2014,  
 Decrees n° 2014-1327 and n° 2014-1326 dated November 5th 2014, Orders dated December 8th 2014 and December 15th 2014, Law n° 2014-789 dated July 10th 2014.



# DISABLED PEOPLE ACCESSIBILITY REGULATIONS (DDA)

CASTEL developed solutions allowing to comply with disabled people accessibility regulations in “establishments servicing the public”, which must be able to welcome, inform and ensure the safety of people with disabilities.

## CASTEL ANSWER



Find in this catalog all CASTEL “disability regulations” (DDA) compliant intercom stations.

## MASTER STATIONS



**XE DESK TOUCH**  
Audio video Full IP/SIP master station  
REF 595.1000

- > 7 inch TFT touch screen
- > Configurable function keys
- > ABS case, wall-mounted or desktop stand (zamac)
- > IP40 rating
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 145 mm x D 53 mm  
(with desktop stand H 280 mm x W 145 mm x D 157 mm)



**OPTION COMBINE XE DESK TOUCH**  
Handset for audio Full IP/SIP master station  
REF 595.1100

- > Handset support and cord
- > Connector with automatic detection of handset

## MASTER STATIONS BUILD-IN VERSION



**XE PLATINE AUDIO**  
Audio Full IP/SIP master station build-in version  
REF 590.8500

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex communications
- > 3 predefined buttons to pick up, hang up or mute the microphone during the call
- > 3 programmable buttons
- > 2,8 inch TFT 240x320 colour screen
- > 3 keys for names scrolling
- > IP65 - IK08 rating
- > 1 RJ45, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 145 mm x D 2 mm  
(flush-mounted with flush box D 61 mm)

**XE PLATINE AUDIO COL DE CYGNE**  
Audio Full IP/SIP master station build-in version  
with gooseneck microphone  
REF 590.8510



**XE PLATINE TOUCH**  
Audio Full IP/SIP master station build-in version  
REF 595.5000

- > 7 inch TFT touch screen
- > Stainless steel 316 L vandal proof front panel
- > Full Duplex communications
- > Configurable function keys
- > Gooseneck microphone
- > IP64 - IK08 rating
- > PoE power supply (or optional external power supply)
- > H 280 mm x W 170 mm x D 2 mm (flush-mounted with flush box D 58 mm)

**EXTENSION COMBINE**  
Handset for XE PLATINE TOUCH  
REF 595.5300

**EXTENSION 9 TOUCHES**  
Expandable 6 programmable function keys and 3 call management keys  
REF 595.5400

**EXTENSION 18 TOUCHES**  
Expandable 18 programmable function keys  
REF 595.5200

## RECEPTION MONITORS



**XE IPENEO**  
Audio video Full IP/SIP reception monitor  
REF 500.8000-1

- > 7 inch TFT touch screen
- > 3 predefined buttons to pick, hang up or door opening
- > 1 customizable function key
- > Early Media function (possible to see the caller before picking up)
- > ABS case, wall-mounted or optional desktop stand (REF 540.8000)
- > 2 inputs, 2 outputs available via cable (optional REF 540.8010)
- > IP4X rating
- > PoE power supply (or optional external power supply REF 540.6000)
- > H 150 mm x W 207 mm x D 26 mm  
(with desktop H 195 mm x W 210 mm x D 170 mm)



AUDIO VIDEO INTERCOMS



**XE VIDEO 1B**  
Audio video Full IP/SIP entry station with 1 call button DDA compliant  
REF 590.2000

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 280 mm x W 145 mm x D 2 mm (Flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



**XE VIDEO 2B**  
Audio video Full IP/SIP entry station with 2 call buttons DDA compliant  
REF 590.2100

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 2 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 280 mm x W 145 mm x D 2 mm (Flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



**XE VIDEO 3B**  
Audio video Full IP/SIP entry station with 3 call buttons DDA compliant  
REF 590.2200

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 3 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 280 mm x W 145 mm x D 2 mm (Flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



**XE PAD VIDEO 1B**  
Audio video Full IP/SIP entry station with names scrolling and 1 call button DDA compliant  
REF 590.5000

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 375 mm x W 145 mm x D 2 mm (Flush-mounted with flush box D 16 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



**XE PAD VIDEO 3B**  
Audio video Full IP/SIP entry station with names scrolling and 3 call buttons DDA compliant  
REF 590.5100

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 3 call buttons and backlighting labels
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 375 mm x W 145 mm x D 2 mm (Flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



**XE VIDEO 4B**  
Audio video Full IP/SIP entry station with 4 call buttons DDA compliant  
REF 590.2300

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 4 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 280 mm x W 145 mm x D 2 mm (Flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



**XE VIDEO 6B**  
Audio video Full IP/SIP entry station with 6 call buttons DDA compliant  
REF 590.2400

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 6 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 280 mm x W 145 mm x D 2 mm (Flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



**XE VIDEO 10B**  
Audio video Full IP/SIP entry station with 10 call buttons DDA compliant  
REF 590.2500

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 10 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 375 mm x W 145 mm x D 2 mm (Flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



**XE VIDEO 1B CLAV**  
Audio video Full IP/SIP entry station with keypad and 1 call button DDA compliant  
REF 590.2600

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > Numerical keypad for direct dial and access code, buttons with braille
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 375 mm x W 145 mm x D 2 mm (Flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



**XE VIDEO 2B CLAV**  
Audio video Full IP/SIP entry station with keypad and 2 call buttons DDA compliant  
REF 590.2700

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 2 call buttons and backlighting labels
- > Numerical keypad for direct dial and access code, buttons with braille
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 375 mm x W 145 mm x D 2 mm (Flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



**XE PAD VIDEO CLAV**  
Audio video Full IP/SIP entry station with names scrolling and keypad DDA compliant  
REF 590.5200

- > Stainless steel 316 L vandal proof front panel
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > Numerical keypad for direct dial and access code, buttons with braille
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 375 mm x W 145 mm x D 2 mm (Flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)

**XE VIDEO 4B CLAV**  
Audio video Full IP/SIP entry station with keypad and 4 call buttons DDA compliant  
REF 590.2900

AUDIO VIDEO INTERCOMS



**XE AUDIO 1B**  
Audio Full IP/SIP entry station  
with 1 call button DDA compliant  
REF 590.0000

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 280 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



**XE AUDIO 2B**  
Audio Full IP/SIP entry station  
with 2 call buttons DDA compliant  
REF 590.0100

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 2 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 280 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



**XE AUDIO 3B**  
Audio Full IP/SIP entry station  
with 3 call buttons DDA compliant  
REF 590.0200

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 3 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 280 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



**XE PAD AUDIO 1B**  
Audio Full IP/SIP entry station with names scrolling  
and 1 call button DDA compliant  
REF 590.4000

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 16 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



**XE PAD AUDIO 3B**  
Audio Full IP/SIP entry station with names scrolling  
and 3 call buttons DDA compliant  
REF 590.4100

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 3 call buttons and backlighting labels
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



**XE AUDIO 4B**  
Audio Full IP/SIP entry station  
with 4 call buttons DDA compliant  
REF 590.0300

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 4 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 280 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



**XE AUDIO 6B**  
Audio Full IP/SIP entry station  
with 6 call buttons DDA compliant  
REF 590.0400

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 6 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 280 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 280 mm x W 145 mm x D 63 mm (surface mounted)



**XE AUDIO 10B**  
Audio Full IP/SIP entry station  
with 10 call buttons DDA compliant  
REF 590.0500

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 10 call buttons and backlighting labels
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



**XE AUDIO 1B CLAV**  
Audio Full IP/SIP entry station with keypad  
and 1 call button DDA compliant  
REF 590.0600

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > Numerical keypad for direct dial and access code, buttons with braille
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



**XE AUDIO 2B CLAV**  
Audio Full IP/SIP entry station with keypad  
and 2 call buttons DDA compliant  
REF 590.0700

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > 2 call buttons and backlighting labels
- > Numerical keypad for direct dial and access code, buttons with braille
- > 3 leds for DDA compliance
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



**XE PAD AUDIO CLAV**  
Audio Full IP/SIP entry station with names scrolling  
and keypad DDA compliant  
REF 590.4200

- > Stainless steel 316 L vandal proof front panel
- > Full Duplex 10 W communications
- > Numerical keypad for direct dial and access code, buttons with braille
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK08 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)



IP access intercom



## ALL-IN-ONE INTERCOM AND ACCESS CONTROL SYSTEMS

A real concentrate of technologies, these all-in-one solutions combine a Full IP/SIP audio-video communication station and an access control reader that can be integrated into a centralised system or operate standalone.

### MULTI-TECHNOLOGY SECURE ACCESS CONTROL

CASTEL has developed intercoms with built in readers associating the latest Mifare® contactless chip technology and a Bluetooth authentication using Smartphones.

Multi-technology, intercoms are upgradeable to Mifare DesFire® technologies, CSP3, Ultralight®, double pooling ...

Settings are configured via Castel Evo Web, an intuitive Cloud application with 3 configuration modes (simple, advanced, expert). It can be used to encode configuration badges for upgradable readers and user badges.

### BLUETOOTH ACCESS CONTROL

This solution integrates virtual access cards in Smartphones, improving the access control security as well as feeling more instinctive.

Your Smartphone becomes the access key, giving up the traditional access control constraints.



#### CARD MODE:

By placing your Smartphone in front of the reader.



#### REMOTE MODE:

By pressing the Unlock button on your smartphone.



#### HANDS-FREE MODE:

By simply passing in front of the reader.

## AUDIO VIDEO INTERCOMS WITH EVOLUTIVE ACCESS CONTROL READER AND BLUETOOTH



### XE VIDEO 1B MI EVO

Audio video Full IP/SIP entry station with 1 call button and upgradeable Mifare+ and Bluetooth reader DDA compliant  
REF 590.3000

- > Stainless steel 316 L vandal proof front panel
- > Upgradeable Mifare+ reader and Bluetooth
- > 2 leds (green: access granted, red:access refused)
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 6 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)

### XE VIDEO 1B BLE STID

Audio video Full IP/SIP entry station with 1 call button and Bluetooth reader DDA compliant  
REF 590.6900



### XE VIDEO 2B MI EVO

Audio video Full IP/SIP entry station with 2 call buttons and upgradeable Mifare+ and Bluetooth reader DDA compliant  
REF 590.3200

### XE VIDEO 2B BLE STID

Audio video Full IP/SIP entry station with 2 call buttons and Bluetooth reader DDA compliant  
REF 590.6000

### XE VIDEO 4B MI EVO

Audio video Full IP/SIP entry station with 4 call buttons and upgradeable Mifare+ and Bluetooth reader DDA compliant  
REF 590.5960



### XE PAD VIDEO MI EVO

Audio video Full IP/SIP entry station with names scrolling and upgradeable Mifare+ and Bluetooth reader DDA compliant  
REF 590.3600

- > Stainless steel 316 L vandal proof front panel
- > Upgradeable Mifare+ reader and Bluetooth
- > 2 leds (green:access granted, red:access refused)
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 6 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 375 mm x W 145 mm x D 63 mm (surface-mounted)

### XE PAD VIDEO BLE STID

Audio video Full IP/SIP entry station with names scrolling and Bluetooth reader DDA compliant  
REF 590.7900



### XE VIDEO 1B CLAV MI EVO

Audio video Full IP/SIP entry station with 1 call button, keypad and upgradeable Mifare+ and Bluetooth reader DDA compliant  
REF 590.3400

- > Stainless steel 316 L vandal proof front panel
- > Upgradeable Mifare+ reader and Bluetooth
- > 2 leds (green: access granted, red:access refused)
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > Numerical keypad for direct dial and access code, buttons with braille
- > 1 call button and backlighting label
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 6 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 493 mm x W 155 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 493 mm x W 155 mm x D 63 mm (surface-mounted)

### XE VIDEO 1B CLAV BLE STID

Audio video Full IP/SIP entry station with 1 call button, keypad and Bluetooth reader DDA compliant  
REF 590.1160



### XE PAD VIDEO CLAV MI EVO

Audio video Full IP/SIP entry station with names scrolling, keypad and upgradeable Mifare+ and Bluetooth reader DDA compliant  
REF 590.3800

- > Stainless steel 316 L vandal proof front panel
- > Upgradeable Mifare+ reader and Bluetooth
- > 2 leds (green:access granted, red:access refused)
- > HD colour video camera - Wide angle 170° (ONVIF)
- > Full Duplex 10 W communications
- > Numerical keypad for direct dial and access code, buttons with braille
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 6 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 493 mm x W 155 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- H 493 mm x W 155 mm x D 63 mm (surface-mounted)

### XE PAD VIDEO CLAV BLE STID

Audio video Full IP/SIP entry station with names scrolling, keypad and Bluetooth reader DDA compliant  
REF 590.7910

## AUDIO INTERCOMS WITH EVOLUTIVE ACCESS CONTROL READER AND BLUETOOTH



**XE AUDIO 1B MI EVO**  
Audio Full IP/SIP entry station with 1 call button and Bluetooth reader DDA compliant  
REF 590.3100

- > Stainless steel 316 L vandal proof front panel
- > Upgradeable Mifare+ reader and Bluetooth
- > 2 leds (green: access granted, red: access refused)
- > Full Duplex 10 W communications
- > 1 call button and backlighting label
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 6 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > • H 375 mm x W 145 mm x D 63 mm (surface-mounted)

**XE AUDIO 1B BLE STID**  
Audio Full IP/SIP entry station with 1 call button and upgradeable Mifare+ and Bluetooth reader DDA compliant  
REF 590.6400

**XE AUDIO 2B MI EVO**  
Audio Full IP/SIP entry station with 2 call buttons and upgradeable Mifare+ and Bluetooth reader DDA compliant  
REF 590.3300

**XE AUDIO 2B BLE STID**  
Audio Full IP/SIP entry station with 2 call buttons and Bluetooth reader DDA compliant  
REF 590.5500

**XE AUDIO 4B MI EVO**  
Audio Full IP/SIP entry station with 4 call buttons and upgradeable Mifare+ and Bluetooth reader DDA compliant  
REF 590.3350

**XE PAD AUDIO MI EVO**  
Audio Full IP/SIP entry station with names scrolling and upgradeable Mifare+ and Bluetooth reader DDA compliant  
REF 590.3700

- > Stainless steel 316 L vandal proof front panel
- > Upgradeable Mifare+ reader and Bluetooth
- > 2 leds (green: access granted, red: access refused)
- > Full Duplex 10 W communications
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 6 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 375 mm x W 145 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > • H 375 mm x W 145 mm x D 63 mm (surface-mounted)

**XE PAD AUDIO BLE STID**  
Audio Full IP/SIP entry station with names scrolling and Bluetooth reader DDA compliant  
REF 590.7400

**XE AUDIO 1B CLAV MI EVO**  
Audio Full IP/SIP entry station with 1 call button, keypad and upgradeable Mifare+ and Bluetooth reader DDA compliant  
REF 590.3500

- > Stainless steel 316 L vandal proof front panel
- > Upgradeable Mifare+ reader and Bluetooth
- > 2 leds (green: access granted, red: access refused)
- > Full Duplex 10 W communications
- > Numerical keypad for direct dial and access code, buttons with braille
- > 1 call button and backlighting label
- > 3 leds DDA compliant
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 6 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 493 mm x W 155 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > • H 493 mm x W 155 mm x D 63 mm (surface-mounted)

**XE AUDIO 1B CLAV BLE STID**  
Audio Full IP/SIP entry station with 1 call button, keypad and Bluetooth reader DDA compliant  
REF 590.1060

**XE PAD AUDIO CLAV MI EVO**  
Audio Full IP/SIP entry station with names scrolling, keypad and upgradeable Mifare+ and Bluetooth reader DDA compliant  
REF 590.3900

- > Stainless steel 316 L vandal proof front panel
- > Upgradeable Mifare+ reader and Bluetooth
- > 2 leds (green: access granted, red: access refused)
- > Full Duplex 10 W communications
- > Numerical keypad for direct dial and access code, buttons with braille
- > 3 keys for names scrolling
- > 2,8 inch TFT 240x320 colour screen
- > 3 pictograms for DDA compliance displayed on screen
- > Integrated induction loop
- > IP65 - IK09 rating
- > 2 RJ45 (switch function), USB port, RS485 bus, 6 inputs, 2 relays
- > PoE power supply (or optional external power supply)
- > • H 493 mm x W 155 mm x D 2 mm (flush-mounted with flush box D 61 mm)
- > • H 493 mm x W 155 mm x D 63 mm (surface-mounted)

**XE PAD AUDIO CLAV BLE STID**  
Audio Full IP/SIP entry station with names scrolling, keypad and Bluetooth reader DDA compliant  
REF 590.7410

## PACKS FOR SMALL AND MEDIUM TERTIARY SECTOR

### PACKS EASY CASTEL

#### Plug & Play solution:

- > Your factory pre-set door entry station is programmed to call the reception monitor,
- > The 2 stations are directly powered (PoE) by the switch.

#### Receive calls on a Smartphone or tablet:

- > CASTEL SIP is an audio video intercom solution for Smartphones and tablets. Receive calls from your door entry station and open the door, wherever you are (through Wi-Fi and 3G/4G),
- > The solution offers optimal security and service quality and allows you to stay connected to your intercom station.
- > Easy-to-use and intuitive, the application is available for iPhone®, iPad® or Android® devices.

#### This solution is DDA compliant:

- > Wide angle colour video camera allowing to visualise disabled people who wish to access the building.
- > 3 pictograms viewed with coloured LEDs to indicate the operating status (call in progress, communication, door opening).
- > These 3 steps are accompanied by audio messages.
- > Integrated audio induction loop.

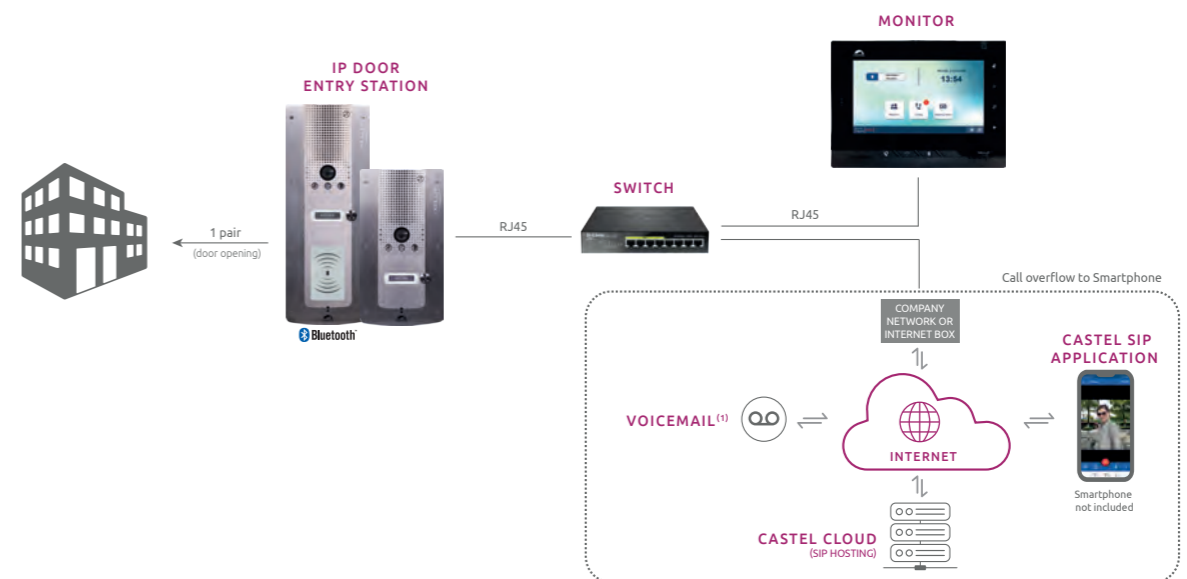


**Pack EASY XE**  
Pre-set intercom pack for small and medium services  
REF 590.8900-1

**Pack EASY XE MI EVO**  
Pre-set intercom pack for small and medium services with access control  
REF 590.8990-1

- > Access card is integrated in Smartphone (virtual access card)
- > A secure solution and more instinctive
- > 3 different access modes according to your needs (card mode, remote mode, hands-free mode)

### SCHEMATIC



<sup>(1)</sup> In case of a rejected call, non-reception or device off, it is possible to leave a voice mail message on an answering machine which comes directly to the contacted person mail box (audio file attached).

KITS



**XE K-VIDEO-1B**

Audio video Full IP/SIP intercom kit with 1 call button  
REF 590.5610

- > Kit with board integrated in a steel case
- > HD colour video camera - Wide angle 170° (ONVIF) - deported with 2m USB cable
- > Full Duplex 10 W communications
- > 3 leds DDA compliant
- > Deported micro, speaker, leds and call button (65 cm cables)
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs / 2 relays
- > IP40 rating
- > PoE power supply (or optional external power supply)
- > H 150 mm x W 130 mm x D 46 mm

**XE K-VIDEO-10B**

Audio video Full IP/SIP intercom kit with 10 call buttons  
REF 590.5615



**XE K-AUDIO-1B**

Audio Full IP/SIP intercom kit with 1 call button  
REF 590.5600

- > Kit with board integrated in a steel case
- > Full Duplex 10 W communications
- > 3 leds DDA compliant
- > Deported micro, speaker, leds and call button (65 cm cables)
- > 2 RJ45 (switch function), USB port, RS485 bus, 2 inputs / 2 relays
- > IP40 rating
- > PoE power supply (or optional external power supply)
- > H 150 mm x W 130 mm x D 46 mm

**XE K-AUDIO-10B**

Audio Full IP/SIP intercom kit with 10 call buttons  
REF 590.5605

ATEX STATION



**XE 1B ATEX**

Audio Full IP/SIP intercom with 1 call button ATEX version  
REF 590.8600

- > Designed for explosive environment according to 94/9/CE (ATEX II2GD Ex d IIB T5)
- > 1 call button
- > Orange aluminium front panel
- > IP65 rating
- > PoE power supply (or optional external power supply)
- > H 507 mm x W 230 mm x D 258 mm (surface mounting)

SERVERS



**XELLIP SERVEUR MAX**  
Multifunction intercom server  
REF 540.0100

- > Allows to manage up to 1000 SIP extensions
- > Advanced functions (call groups, call zones, paging groups, conference, etc.)
- > Audio and video backup
- > SIP Trunk (interconnection of 2 SIP systems)
- > H 43 mm x W 426 mm x D 356 mm (rackable 1U black metallic case)



**XELLIP ROUTEUR**  
20 stations router server  
REF 590.9000

- > Allows to manage up to 20 SIP stations (configuration, visualisation)
- > Management of audio et video calls
- > Advanced functions (call groups, call zones, paging groups, overflowing)
- > SIP Trunk (interconnection of 2 SIP systems)
- > Included power supply
- > Aluminium case
- > H 105 mm x W 185 mm x D 66 mm



Serveur Max Virtuel

**XELLIP SERVEUR MAX VIRTUEL**

Virtual multifunction intercom server, with advanced functions (call groups, call zones, paging groups, conference, SIP Trunk, audio backup, etc.) - VMware compatible  
REF 540.1400

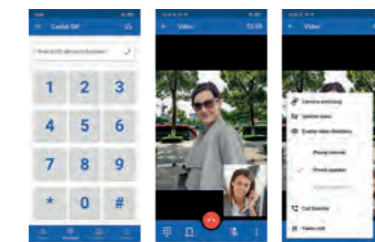
SOFTWARES AND INTERFACES



**XELLIP MÉDIA**

SIP audio video reception interface  
REF 540.1000

- > This Softphone transforms your PC into a complete SIP station
- > Audio video communication with XELLIP or CAP IP range stations, or any other intercom system supporting the SIP protocol
- > Recording on a SIP server or working in Stand-Alone
- > Advanced functions (call transfer, call forwarding, automatic hangup, management of a SIP contact directory, possibility to manage a webcam, remote control release)



**APPLICATION CASTEL SIP**

SIP audio-video intercom application for Smartphones and tablets (iPhone®, iPad® and Android®): more details, please see IP intercom with smartphones reception range (see page 48)



**CASTEL SUPERVISEUR**

Supervision software  
REF 110.8300

- > Events viewing and recording (communications, incoming / outgoing calls, on hold, relay status, forward status)
- > Graphical display or table for real time events viewing
- > Scheduled forward
- > Compatible with Windows 10, 2003 server, 2008 server
- > Compatible with Oracle and SQL Server databases
- > Multi-users software (only one license for server + remote client computer) using full web secured architecture

ACCESSORIES



**IP PROTECT**  
Security module for Xellip IP intercom systems  
REF 540.6400



**HP SIP**  
SIP megaphone - PoE - requires a SIP server  
REF 300.1000



**OPTION WIFI**  
WiFi module and antenna for XE units  
REF 500.9300



**VISIÈRE 280**  
Rain shield for small XE units (H 280 mm)  
REF 590.9400



**VISIÈRE 375**  
Rain shield for big XE units (H 375 mm)  
REF 590.9500



**SUPPORT XE PLATINE AUDIO**  
Inclined desk stand for XE PLATINE AUDIO  
REF 500.9266



**SUPPORT XE PLATINE TOUCH**  
Inclined desk stand for XE PLATINE TOUCH and EXTENSION 18 TOUCHES  
REF 595.5050



**SUPPORT XE IPENEO**  
Desk stand for XE IPENEO  
REF 540.8000

**KIT GRIFFES XE2**  
Plasterboard mounting kit for XELLIP intercom  
REF 590.9600

**KIT DOME CAMERA XE2**  
5 camera lens + tool pack  
REF 590.9700

POWER SUPPLIES



**A24V-0A7-F**  
Power supply 24VDC 1A - wire plug  
REF 110.9000



**A24V-2,5A**  
24VDC 2.5A 60W power supply (switch mode).  
Din rail mounting  
REF 110.9100



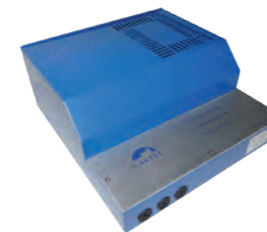
**CEINTURE 280**  
Ceinture inox pour les portiers XE petits modèles (hauteur 280 mm)  
REF 590.9220



**CEINTURE 375**  
Ceinture inox pour les portiers XE grands modèles (hauteur 375 mm)  
REF 590.9320



**CEINTURE 493**  
Ceinture inox pour les portiers XE très grands modèles (hauteur 493 mm)  
REF 590.9100



**A24V-3A-S**  
24VDC 3A saved power supply - battery 2.1 Ah  
REF 440.4900-1



**A24V-0A7-J**  
Power supply 24VDC 1A - Jack plug  
REF 540.6000

EXAMPLE GIVEN FOR QUOTE WITH 1 ACCESS

for any other configuration or specific request, do not hesitate to contact our quote service (devis@castel.fr)

IP/SIP AUDIO VIDEO INTERCOMS

Number of stations to call	AUDIO VIDEO INTERCOM							RECEPTION STATION			
	XE VIDEO 1B 1 call button intercom 590.2000	XE VIDEO 2B 2 call buttons intercom 590.2100	XE VIDEO 3B 3 call buttons intercom 590.2200	XE VIDEO 4B 4 call buttons intercom 590.2300	XE VIDEO 6B 6 call buttons intercom 590.2400	XE VIDEO 10B 10 call buttons intercom 590.2500	XE PAD VIDEO 1B Intercom with names scrolling and 1 call button 590.5000	XE DESK TOUCH Touch screen audio video master station 595.1000	XE IPENEO Touch screen audio video monitor 500.8000-1	XELLIP MÉDIA SIP audio video reception Softphone 540.1000	SIP audio video phone (via an IPBX - not supplied by Castel)
1	1						1	1	1	1	
2		1					2	2	1	2	
3			1				3	3	1	3	
4				1			4	4	1	4	
5					1		5	5	1	5	
6						1	6	6	1	6	
7							7	7	1	7	
8							8	8	1	8	
9							9	9	1	9	
10							10	10	1	10	
more than 10						1	more than 10	more than 10	1	more than 10	

IP/SIP AUDIO INTERCOMS

Number of stations to call	AUDIO INTERCOM							RECEPTION STATION		
	XE AUDIO 1B 1 call button intercom 590.0000	XE AUDIO 2B 2 call buttons intercom 590.0100	XE AUDIO 3B 3 call buttons intercom 590.0200	XE AUDIO 4B 4 call buttons intercom 590.0300	XE AUDIO 6B 6 call buttons intercom 590.0400	XE AUDIO 10B 10 call buttons intercom 590.0500	XE PAD AUDIO 1B Intercom with names scrolling and 1 call button 590.4000	XE PLATINE AUDIO Audio master station 590.8500	XELLIP MÉDIA SIP audio video reception Softphone 540.1000	SIP audio phone (via an IPBX - not supplied by Castel)
1	1						1	1	1	
2		1					2	1	2	
3			1				3	1	3	
4				1			4	1	4	
5					1		5	1	5	
6						1	6	1	6	
7							7	1	7	
8							8	1	8	
9							9	1	9	
10							10	1	10	
more than 10						1	more than 10	1	more than 10	

IP/SIP INTERCOMS WITH KEYPAD

Number of stations to call	INTERCOM WITH KEYPAD			RECEPTION STATION				
	XE VIDEO 1B CLAV (OR XE AUDIO 1B CLAV) Audio video intercom with keypad and 1 call button (or audio) 590.2600 (OR 590.0600)	XE VIDEO 2B CLAV (OR XE AUDIO 2B CLAV) Audio video intercom with keypad and 2 call buttons (or audio) 590.2700 (OR 590.0700)	XE PAD VIDEO CLAV (OR XE PAD AUDIO CLAV) Audio video intercom with names scrolling and keypad (or audio) 590.5200 (OR 590.4200)	XE DESK TOUCH Touch screen audio video master station 595.1000	XE IPENEO Touch screen audio video monitor 500.8000-1	XE PLATINE AUDIO Audio master station 590.8500	XELLIP MÉDIA SIP audio video reception Softphone 540.1000	SIP audio video phone (via an IPBX - not supplied by Castel)
1	1			1	1	1	1	1
2		1		2	2	2	1	2
more than 2			1	more than 2	more than 2	more than 2	1	more than 2

FOR CALLS TO SMARTPHONES AND TABLETS  
(SEE NEXT PAGES)

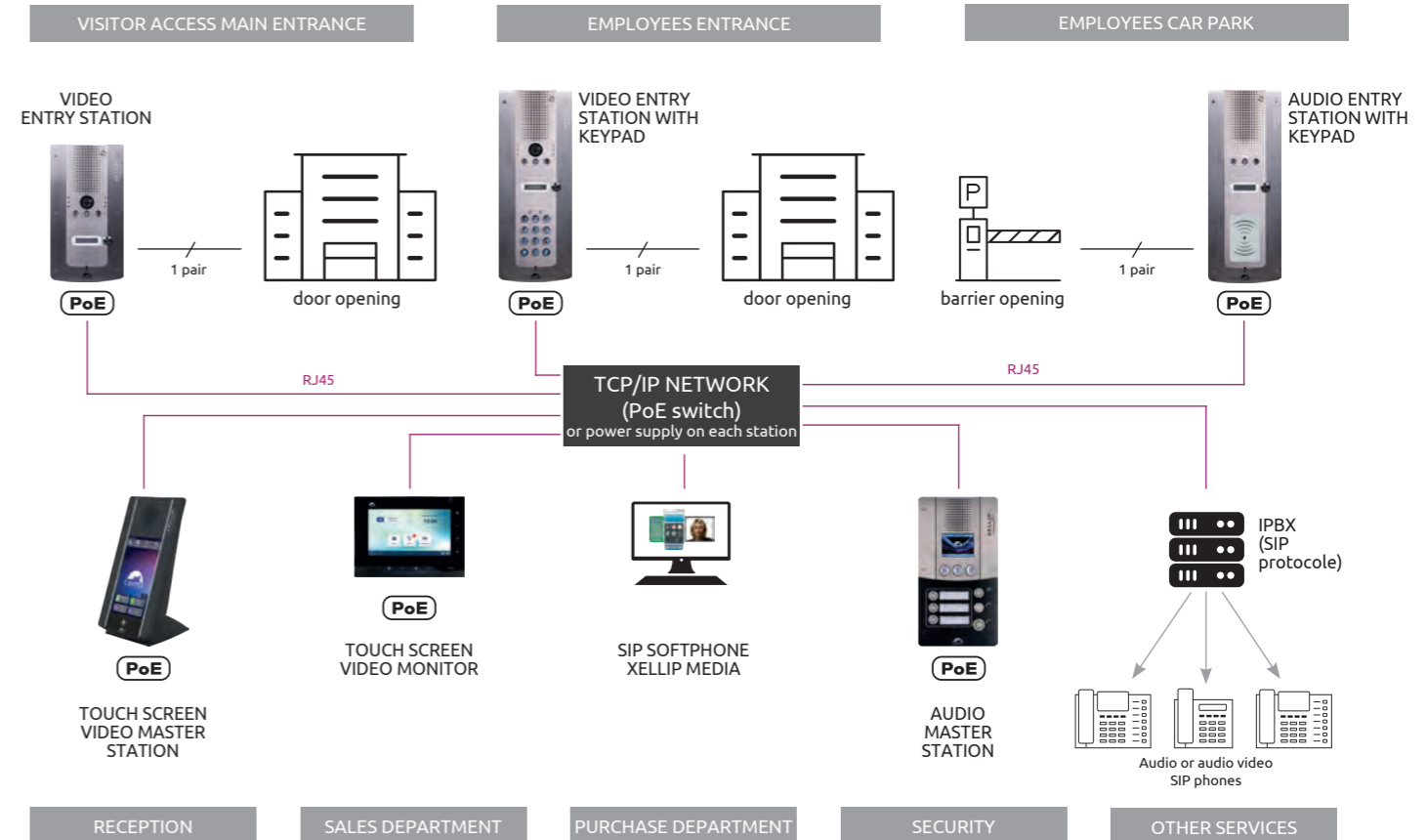
IP/SIP INTERCOMS WITH BUILT IN ACCESS CONTROL READER

Number of stations to call	INTERCOM WITH READER			RECEPTION STATION				
	XE VIDEO 1B MI EVO (OR XE AUDIO 1B MI EVO) Audio video intercom with 1 call button and upgradeable Mifare+ and Bluetooth reader (or audio) 590.3000 (OR 590.3100)	XE VIDEO 2B MI EVO (OR XE AUDIO 2B MI EVO) Audio video intercom with 2 call buttons and upgradeable Mifare+ and Bluetooth reader (or audio) 590.53200 (OR 590.3300)	XE PAD VIDEO MI EVO (OR XE PAD AUDIO MI EVO) Audio video intercom with names scrolling and upgradeable Mifare+ and Bluetooth reader (or audio) 590.3600 (OR 590.3700)	XE DESK TOUCH Touch screen audio video master station 595.1000	XE IPENEO Touch screen audio video monitor 500.8000-1	XE PLATINE AUDIO Audio master station 590.8500	XELLIP MÉDIA SIP audio video reception Softphone 540.1000	SIP audio video phone (via an IPBX - not supplied by Castel)
1	1			1	1	1	1	1
2		1		2	2	2	1	2
more than 2			1	more than 2	more than 2	more than 2	1	more than 2

OPTIONS AND ACCESSORIES

A24V-2,5A	Cutting power supply on din track 24VDC 2.5A: if the door entry station is not PoE powered	110.9100
A24V-0A7-J	Power supply 24VDC 1A - Jack plug: if the master station is not PoE powered	540.6000
BP SECUR	13,56MH card for XELLIP EVO intercoms with access control reader	160.0800
BP KEY SECUR	13,56MH key-ring for XELLIP EVO intercoms with access control reader	160.0810
KIT GRIFFES XE2	Plasterboard mounting kit for XE units	590.9600
CEINTURE 280	Stainless-steel belt for small XE units H 280 mm (1 to 6 call buttons)	590.9220
CEINTURE 375	Stainless-steel belt for big XE units H 375 mm (10 call buttons, door entry station with names scrolling, with reader, with keypad)	590.9320
VISIÈRE 280	Rain shield for small XE units (H 280 mm)	590.9400
VISIÈRE 375	Rain shield for big XE units (H 375 mm)	590.9500
OPTION WIFI	WiFi module and antenna for XE units	500.9300
KIT DOME CAMERA XE2	Kit with 5 camera lens + tool pack	590.9700
SUPPORT XE IPENEO	Desk stand for XE IPENEO	540.8000

SCHEMATIC



RJ45 cable: category 5 or 6. Command opening: 9/10 cable.

# SIP video intercom for smartphones and tablets (Castel SIP)

With Castel SIP App, SIP audio and video intercom softphone for Smartphones and tablets (iPhone®, iPad® or Android®), receive calls from your door entry station and open the door, wherever you are.

## TO ENTER THE WORLD OF THE SIP MOBILITY...

### CHOOSE YOUR PACK

- > Pre-set door entry station to call Smartphone(s)
- > Check the available packs on next paged

### DOWNLOAD THE CASTEL SIP APPLICATION

- > Available for free downloading on App Store and Google Play platform

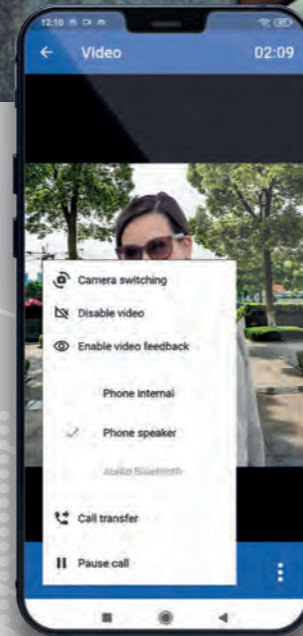
### CONFIGURE THE APPLICATION ON SMARTPHONE(S)

- > User-friendly setting up (intuitive manual provided)
- > Benefit of 1 hour telephone assistance (included into the pack)

### SEND BACK YOUR CONTRACT

- > To activate your account on our hosted SIP server

... VERY SIMPLE!



## CHOOSE YOUR PACK

- > Full IP/SIP door entry station pre-set by Castel, application, SIP hosting on our servers (Castel Cloud), free telephone assistance



IP INTERCOM



CASTEL SIP



SIP HOSTING



ASSISTANCE

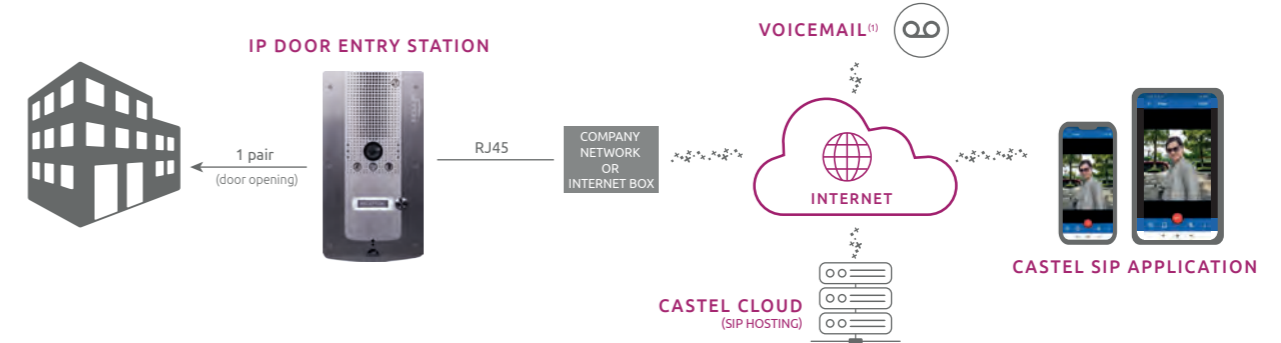
## BEST GUARANTY TO REACH THE CORRESPONDENT

- > push Notification mechanism allows the user to be notified when a call is coming in even if the application is not active
- > in case of a rejected call, non-reception or device off, it is possible to leave a voice mail message on a answering machine which comes directly to the contacted person mail box (audio file attached)

## AN ANSWER FOR EVERY NEED

- > various intercom models are available, all DDA compliant
- > available for iPhone®, iPad® or Android® devices
- > through Wi-Fi and 3G/4G

## SCHEMATIC



<sup>(1)</sup> In case of a rejected call, non-reception or device off, it is possible to leave a voice mail message on a answering machine which comes directly to the contacted person mail box (audio file attached).



**PACKS**



**PACK SIP XE V1B**  
IP intercom with 1 smartphone reception  
REF 590.8800

- > Audio video Full IP/SIP door entry station with 1 call button - DDA compliant - PoE power supply
- > 2 SIP extensions: for the door entry station and for the Smartphone or tablet
- > Door entry station pre-set by Castel + 1 hour telephone assistance



**PACK SIP XE V2B**  
IP intercom with 2 smartphones reception  
REF 590.8810

- > Audio video Full IP/SIP door entry station with 2 call buttons - DDA compliant - PoE power supply
- > 3 SIP extensions: for the door entry station and for two Smartphones or tablets
- > Door entry station pre-set by Castel + 1 hour telephone assistance



**PACK SIP XE V3B**  
IP intercom with 3 smartphones reception  
REF 590.8820

- > Audio video Full IP/SIP door entry station with 3 call buttons - DDA compliant - PoE power supply
- > 4 SIP extensions: for the door entry station and for three Smartphones or tablets
- > Door entry station pre-set by Castel + 1 hour telephone assistance



**PACK SIP XE V4B**  
IP intercom with 4 smartphones reception  
REF 590.8830

- > Audio video Full IP/SIP door entry station with 4 call buttons - DDA compliant - PoE power supply
- > 5 SIP extensions: for the door entry station and for four Smartphones or tablets
- > Door entry station pre-set by Castel + 1 hour telephone assistance



**PACK SIP XE PAD V1B**  
IP intercom with 9 smartphones reception  
REF 590.8840

- > Audio video Full IP/SIP door entry station with selectable list name and 1 call button - DDA compliant - PoE power supply
- > 10 SIP extensions: for the door entry station and for nine Smartphones or tablets
- > Door entry station pre-set by Castel + 1 hour telephone assistance



**PACK SIP XE V1B CLAV**  
IP intercom with 1 smartphone reception  
REF 590.8870

- > Audio video Full IP/SIP door entry station with 1 call button and keyboard - DDA compliant - PoE power supply
- > 2 SIP extensions: for the door entry station and for the Smartphone or tablet
- > Door entry station pre-set by Castel + 1 hour telephone assistance



**PACK SIP XE V1B MI EVO**  
IP intercom and reader with 1 smartphone reception  
REF 590.8885

- > Audio video Full IP/SIP door entry station with 1 call button and Mifare Plus reader - DDA compliant - PoE power supply + 5 Mifare Plus key-rings
- > 2 SIP extensions: for the door entry station and for the Smartphone or tablet
- > Door entry station pre-set by Castel + 1 hour telephone assistance



**PACK SIP XE V2B MI EVO**  
IP intercom and reader with 2 smartphones reception  
REF 590.8895

- > Audio video Full IP/SIP door entry station with 2 call buttons and Mifare Plus reader - DDA compliant - PoE power supply + 5 Mifare Plus key-rings
- > 3 SIP extensions: for the door entry station and two for the Smartphone or tablet
- > Door entry station pre-set by Castel + 1 hour telephone assistance



**CASTEL SIP PACK 1EXT**  
IP intercom with smartphones reception  
REF 560.8500

- > 1 additional SIP extension (only with the SIP packs)

**ACCESSORIES AND POWER SUPPLIES**

**CEINTURE 280**  
REF 590.9220

- > Stainless-steel anti-tear housing (surface mounting) for small XE units (H 280 mm) (door entry stations from 1 to 4 calling buttons)

**CEINTURE 375**  
REF 590.9320

- > Stainless-steel anti-tear housing (surface mounting) for big XE units (H 375 mm) (door entry stations with selectable list name, with keyboard, with reader)

**VISIERE 280**  
REF 590.9400

- > Rain shield for small XE units (280 mm height) (door entry stations from 1 to 4 calling buttons)

**VISIERE 375**  
REF 590.9500

- > Rain shield for big XE units (H 375 mm) (door entry stations with selectable list name, with keyboard, with reader)

**KIT GRIFFES XE2**  
REF 590.9600

- > Plasterboard mounting kit for XELLIP intercom

**A24V-0A7-F**  
REF 110.9000

- > Power supply 24VDC 1A wire plug; if the door entry station is not PoE powered

**A24V-2,5A**  
REF 110.9100

- > Cutting power supply on din track 24VDC 2A; if the door entry station is not PoE powered



Access IP  
intercom

# ARCH-IP

**THE FIRST RANGE OF IP INTERCOMS  
100% CUSTOMISABLE TAKING INTO  
ACCOUNT AESTHETIC AND  
FUNCTIONAL EXPECTATIONS  
OF THE MOST DEMANDING  
CUSTOMERS.**

CASTEL has always stressed the importance in developing custom-made products with clear added value by taking into account technical constraints and functional expectations of the customer.

**CASTEL GOES NOW FURTHER BY CREATING A RANGE OF IP INTERCOMS WHICH DESIGN IS ENTIRELY CUSTOMISABLE.**

- > A unique concept in the intercom market share
- > Aesthetic customisation where the only limit is your imagination
- > A range of products that combines CASTEL expertise in safety and functionality
- > Optimised price and product availability thanks to the flexibility of our organisation and to our close relation with our national suppliers



## ARCH-IP CUSTOMISED IP INTERCOM

With the range ARCH-IP, CASTEL seeks a solution that matches perfectly intercom systems to your construction or renovation architectural projects and also to meet the expectations of the most demanding customers concerned to enhance their image through the intercom they choose.



### SELECTING PAINT

- > RAL colour chart (more than 200 possible colours)



### DIGITAL PRINTING DIRECTLY ON STAINLESS STEEL

- > Limitless customisation (picture, company's graphic chart, material-effect imitation ...)

### LOGO CUSTOMISATION

- > Silkscreen in the colour of your choice
- > Simple or coloured engraving

### INTERCOM SHAPE CUSTOMISATION

- > According to the shape, after a feasibility study

### SELECTING MATERIAL

- > Mirror-polished, brushed brass, stainless steel



### PICTOGRAM CUSTOMISATION

- > Silkscreen in the colour of your choice
- > Simple or coloured engraving

### SELECTING BUTTONS AND SCREW COLOURS

- > Stainless steel, black chromium, brass

### APPLICATION OF SPECIFIC TREATMENT

- > Chemical etching in matching tones