Prison intercom

HIGH PERFORMANCE SOLUTIONS TO SECURE PRISON BUILDINGS AND FACILITATE PRISON STAFFS, INMATES AND VISTIORS FLOW

CASTEL has a long experience and many major references in the prison environment. CASTEL has developed more than hundred intercom stations and door frame intercom kits, to answer all the prisons needs.

> Security intercom systems (intercommunication between different units control stations and central control room)
> Cell intercom systems (vandal proof stations, lighting control, luminous call marking, noise detection calls, caller identification, etc.)
> Access and contact intercom systems (building, corridor, airlock access, etc.)
> Visiting room intercom systems (with listening and recording options)
> Counter intercom systems (packet/document window, etc.)
> Centralised communication from remote control stations
> Supervision of communication, access and alarm systems, video feedback
> Stations specifically adapted to the prison environment, benefiting from optimal acoustic quality and robustness
> Bus, star, looped wiring, IP technology or hybrid
> Solutions that meet standards of interoperability and which fit perfectly into centralised management solutions

RECEPTION STATIONS

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 240×320 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 bottom D 61 mm)
> Also available in version with gooseneck microphone (REF 590.8510)

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

XE PLATINE AUDIO SURETE
Audio Full IP/SIP master station safety version
REF 590.8550

CELL INTERCOMS

XE-1B-CELL-L
Audio Full IP/SIP cell intercom with 1 call button and 1 pending place for lighting control
REF 550.0905

> Stainless steel 316 L vandal proof front panel
> 1 call button with signalisation led
> 1 pending place of 19 mm diameter for lighting control
> Vandal-proof microphone, loudspeaker counter-grid, 2 screw types
> PoE / PoE+ power supply (or optional external power supply)
> Surface-mounted or flush-mounted, supplied without bottom
> IP 64 - IK10 rating
> H 230 mm x W 130 mm x D 2 mm
> Surface-mounted bottom (option): H 230 mm x W 130 mm x D 55 mm
> Flush-mounted bottom (option): H 210 mm x W 118 mm x D 55 mm
> Compatible with corridor plates

Also available in Maylis version

XE-1B-CELL
Audio Full IP/SIP cell intercom with 1 call button
REF 550.0900

CELL KIT INTEGRATED INTO FRAME

XE-1B-HUISSERIE
Full IP/SIP cell kit for frame integration
REF 550.0600

Cell side:
> 1 call button with signalisation led

Corridor side:
> Stainless steel 316 L vandal proof front panel
> 1 acknowledgement button
> 1 pending place of 19 mm diameter for lighting control
> Voltage output for light indicator connection
> PoE / PoE+ power supply (or optional external power supply)
> IP64 - IK10 rating
> Frame mounting (available in various depths: from 160 to 230 mm)

Also available in Maylis version

SPECIAL CELL INTERCOMS

XE-V1B-CELL-ADAPT
Audio video Full IP/SIP cell intercom DDA compliant
REF 550.5410

> Stainless steel 316 L vandal proof front panel
> 1 call button with signalisation led
> Full HD video camera and interchangeable protective window
> Remote induction loop
> Vandal-proof microphone, loudspeaker counter-grid, 2 screw types
> Voltage output for light indicator connection
> PoE / PoE+ power supply (or optional external power supply)
> Surface-mounted or flush-mounted, supplied without bottom
> IP 64 - IK10 rating
> H 280 mm x W 145 mm x D 2 mm
  • Surface-mounted bottom (option): H 280 mm x W 145 mm x D 58 mm
  • Flush-mounted bottom (option): H 265 mm x W 132 mm x D 58 mm

XE-1B-CELL-RADIO
Audio Full IP/SIP cell intercom with 1 call button and radio function
REF 550.6000

> Stainless steel 316 L vandal proof front panel
> 1 call button with signalisation led
> 3 radio control buttons
> Vandal-proof microphone, loudspeaker counter-grid, 2 screw types
> Voltage output for light indicator connection
> PoE / PoE+ power supply (or optional external power supply)
> Surface-mounted or flush-mounted, supplied without bottom
> IP 64 - IK10 rating
> H 280 mm x W 145 mm x D 2 mm
  • Surface-mounted bottom (option): H 280 mm x W 145 mm x D 58 mm
  • Flush-mounted bottom (option): H 265 mm x W 132 mm x D 58 mm

XE-1B-CELL-SENS
Audio Full IP/SIP cell intercom with 1 call button and sensitive front panel
REF 550.5510

> Sensitive stainless steel 316 L vandal proof front panel
> 1 call button with signalisation led
> Vandal-proof microphone, loudspeaker counter-grid, 2 screw types
> Voltage output for light indicator connection
> PoE / PoE+ power supply (or optional external power supply)
> Surface-mounted or flush-mounted, supplied without bottom
> IP 64 - IK10 rating
> H 280 mm x W 145 mm x D 2 mm
  • Surface-mounted bottom (option): H 280 mm x W 145 mm x D 58 mm
  • Flush-mounted bottom (option): H 265 mm x W 132 mm x D 58 mm

CORRIDOR INTERCOMS

PL-1B-COR-H
Corridor station with 1 acknowledgement button and 1 light indicator
REF 550.0960

> Stainless steel 316 L vandal proof front panel
> 1 acknowledgement button
> 1 red light indicator
> Surface-mounted or flush-mounted, supplied without bottom
> IP 64 - IK10 rating
> H 230 mm x W 130 mm x D 2 mm
  • Surface-mounted bottom (option): H 230 mm x W 130 mm x D 55 mm
  • Flush-mounted bottom (option): H 210 mm x W 118 mm x D 55 mm

PL-1B-COR
Corridor station with 1 acknowledgement button
REF 550.0950

PL-1B-COR-H-L
Corridor station with 1 acknowledgement button, 1 light indicator and 1 pending place for lighting control
REF 550.0965

> Stainless steel 316 L vandal proof front panel
> 1 acknowledgement button
> 1 red light indicator
> 1 pending place of 19 mm diameter for lighting control
> Surface-mounted or flush-mounted, supplied without bottom
> IP 64 - IK10 rating
> H 230 mm x W 130 mm x D 2 mm
  • Surface-mounted bottom (option): H 230 mm x W 130 mm x D 55 mm
  • Flush-mounted bottom (option): H 210 mm x W 118 mm x D 55 mm

PL-1B-COR-L
Corridor station with 1 acknowledgement button and 1 pending place for lighting control
REF 550.0955

COUNTER AND VISITING ROOMS STATIONS

KIT INTERPHONE DE GUICHET PLATINE AV
Kit with an operator station and a client (visitor) station vandal-proof version
REF 470.9300

> Two-way communication system with an operator station and a visitor wall-mounting plate
> Audio communication - full duplex or simplex mode (default value)
> Operator station with loundspeakers, gooseneck microphone, volume control, on-hook/off-hook button, speak-listen button
> Visitor station with loundspeakers, built-in microphone, call button
> ABS case, IP40 rating, desk station with wall mounting (operator station)
> Stainless steel, IP54 rating (visitor station)
> Power supply unit (included in kit)
> Optional induction loop (REF 320.4000)
> H 240 mm x W 120 mm x D 62 mm (operator station)
  • H 176,5 mm x W 97,5mm x D 2 mm (front panel visitor station)

POSTES PARLOIR
Stations for visiting rooms prison
REF 480.8000
REF 480.8100

> A prisoner station and a visitor station
> Surface-mounted or flush-mounted
> 1 call button with signalisation led on visitor station
> Loundspeakers power 8 Watts
> Stainless steel 316 L front panel
> IP66 rating
> Power supplie 24V (plug-in power supply included)
> H 280 mm x W 130 mm x D 2 mm
  (flush-mounted with flush bottom D 47 mm)
  • H 282,5 mm x W 132,5 mm x D 65 mm (surface-mounted)

ACCESS INTERCOMS (CORRIDOR GRIDS)

XE-V1B-LIAISON
Audio video Full IP/SIP intercom system for access intercom
REF 550.5400

> Stainless steel 316 L vandal proof front panel
> 1 call button with signalisation led
> Full HD video camera and interchangeable protective window
> Vandal-proof microphone, loudspeaker counter-grid, 2 screw types
> PoE / PoE+ power supply (or optional external power supply)
> Surface-mounted or flush-mounted, supplied without bottom
> IP 64 - IK10 rating
> • H 280 mm x W 145 mm x D 2 mm
  • Surface-mounted bottom (option):
    H 280 mm x L 145 mm x P 58 mm
  • Flush-mounted bottom (option):
    H 265 mm x L 132 mm x P 58 mm

Also available in audio, Maylis (audio) and link PoE versions

XE-V2B-LIAISON
Audio video Full IP/SIP intercom system for access intercom - 2 buttons
REF 550.5900

> Stainless steel 316 L vandal proof front panel
> 1 call button with signalisation led
> 1 open request button without signalisation led
> Full HD video camera and interchangeable protective window
> Vandal-proof microphone, loudspeaker counter-grid, 2 screw types
> PoE / PoE+ power supply (or optional external power supply)
> Surface-mounted or flush-mounted, supplied without bottom
> IP 64 - IK10 rating
> • H 280 mm x W 145 mm x D 2 mm
  • Surface-mounted bottom (option):
    H 280 mm x W 145 mm x D 58 mm
  • Flush-mounted bottom (option):
    H 265 mm x W 132 mm x D 58 mm

Also available in audio, Maylis (audio) and link PoE versions

XE-V1B-LIAISON-CP
Audio video Full IP/SIP emergency call intercom with mushroom call button
REF 550.5450

> Stainless steel 316 L vandal proof front panel
> 1 emergency mushroom call button
> Signalisation led
> Full HD video camera and interchangeable protective window
> Vandal-proof microphone, loudspeaker counter-grid, 2 screw types
> PoE / PoE+ power supply (or optional external power supply)
> Surface-mounted or flush-mounted, supplied without bottom
> IP 64 - IK07 rating
> • H 280 mm x W 145 mm x D 2 mm
  • Surface-mounted bottom (option):
    H 280 mm x W 145 mm x D 58 mm
  • Flush-mounted bottom (option):
    H 265 mm x W 132 mm x D 58 mm

Also available in audio, Maylis (audio) and link PoE versions

MSPI-1B-LIAISON
Audio intercom system for access intercom
REF 440.6400

> Stainless steel 316 L vandal proof front panel
> 1 call button with signalisation led
> Vandal-proof microphone, loudspeaker counter-grid, 2 screw types
> Surface-mounted or flush-mounted, supplied without bottom
> IP64 - IK10 rating
> • H 230 mm x W 130 mm x D 2 mm
  • Surface-mounted bottom (option): H 230 x W 130 x D55mm
  • Flush-mounted bottom (option): H 210 mm x W 118 mm x D 55 mm

MSPI-1B-LIAISON-CP
Audio emergency call intercom with mushroom call button
REF 440.6300

> Stainless steel 316 L vandal proof front panel
> 1 emergency mushroom call button
> Signalisation led
> Vandal-proof microphone, loudspeaker counter-grid, 2 screw types
> Surface-mounted or flush-mounted, supplied without bottom
> IP64 - IK07 rating
> • H 230 mm x W 130 mm x D 2 mm
  • Surface-mounted bottom (option): H 230 mm x W 130 mm x D 55 mm
  • Flush-mounted bottom (option): H 210 mm x W 118 mm x D 55 mm

INTERCOM SERVERS

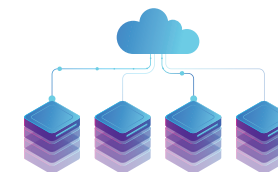### XELLIP SERVEUR MAX
Multifunction intercom server
REF 540.0100

> 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

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

Serveur Max Virtuel

SOFTWARES AND INTERFACES

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 databottoms
> Multi-users software (only one license for server + remote client computer) using full web securised architecture

CASTEL SERVEUR
Intercom configuration software

> Creation and management of equipment
> View and record system events
> Compatible with Windows 10, serveur 2003, serveur 2008
> Multi-users software using full web securised architecture

M-HYB-IP-RACK
Maylis to TCP/IP network interface - Rackable version
REF 440.5750

> Rackable PCB easily plugged in Maylis system central (MCB / MCBR)
> Connection between Maylis central using IP network
> SIP interfacing numeric and IP ranges of products
> 20 simultaneous communications
> Built in IP switch
> Web server for configuration and management
> Powered by central

SERVEUR CASTEL SUITE
System configuration and operation server
REF 110.0500

> Server with software suite Castel Serveur, Castel Superviseur and Castel Configurateur
> H 42.4 mm x W 434 mm x D 394 mm (rackable 1U black metallic case)

PC CLIENT
System operation PC
REF 110.0600

> Client PC with preconfigured link to supervision of intercom server and installed security strategy

Prison intercom

DESK STANDS AND BOTTOMS

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

FOND ENCASTRABLE XE PLATINE AUDIO
Flush-mounted bottom for
XE PLATINE AUDIO
REF 590.9860

FOND ENCASTRABLE MAYLIS LIAISON
Flush-mounted bottom for prison intercoms of Maylis range
REF 550.0550

> Stainless steel 316L bottom
> H 210 mm x W 118 mm x D 55 mm

Also available with 1 or 2 tampers

FOND SAILLIE MAYLIS LIAISON
Surface-mounted bottom for prison intercoms of Maylis range
REF 550.0555

> Stainless steel 316L bottom
> H 230 mm x W 130 mm x D 55 mm

Also available with 1 or 2 tampers

FOND ENCASTRABLE XELLIP LIAISON
Flush-mounted bottom for prison intercoms of Xellip range
REF 550.5600

> Stainless steel 316L bottom
> H 265 mm x W 132 mm x D 63 mm

Also available with 1 or 2 tampers

FOND SAILLIE XELLIP LIAISON
Surface-mounted bottom for prison intercoms of Xellip range
REF 550.5630

> Stainless steel 316L bottom
> H 280 mm x W 145 mm x D 63 mm

Also available with 1 or 2 tampers

ACCESSORIES AND POWER SUPPLIES

PLAQUE HUISSERIE
Corridor side plate for frame
REF 102209

> 1 acknowledgement button
> 1 pending place of 19 mm diameter for lighting control cell

ALIM. RACK 24V 24A
Rackable 3U power supply - 24V 24A
REF 350.1050

Available with batteries (REF **350.1000**)

TUNER RADIO FM
Rackable 1U universal preamplifier
REF 310.2200

STREAMER RADIO FM
Converts analogue audio streams into high-quality digital streams
REF 310.2300

ACCESSORIES AND POWER SUPPLIES

VOYANT HUBLOT LED ROUGE 24V
Low-energy red LED light indicator
REF 102164

> LED light indicator
> Power supply 24 VDC
> Red colour, supplied without frame

INTER COUPURE GENERALE CELLULE
Eco Energy switch
REF 102163

> Pre-wired section 0,75 mm - L 800 mm
> 1 pending place of 19 mm diameter

INTER ECLAIRAGE CELLULE
Cell light control switch
REF 102169

> Pre-wired section 0,75 mm - L 800 mm
> 1 pending place of 19 mm diameter

BOUTON POUSSOIR VEILLEUSE COULOIR
Cell pilot control push-button
REF 102170

> Pre-wired section 0,75 mm - L 800 mm
> 1 pending place of 19 mm diameter

SCHEMATIC

VIDEO SURVEILLANCE
› VMS of video surveillance

HYPERVISION
› Horizon Evolution software

OPENING THE GRIDS
› Software for management of grids opening

CELL NETWORK
(IP bus)

SOFTWARES & SERVERS
› Serveur Max
› Castel Suite softwares (Castel Server + Castel Supervisor)
› PC Pass Evolution software

ACCESS CORRIDOR NETWORK
(IP bus)
(IP bus)

» Traceability   » Access control management
» Recording   » Intrusion

COUNTER NETWORK

SECURITY NETWORK
Main entrance door
Section control post
Central control post

ACCESS CONTROL - INTRUSION
› Readers
› Alarms
› Thermal cameras...

VISITING ROOM NETWORK