



# IP access control

**A GLOBAL SECURITY SOLUTION FOR COMMERCIAL INDUSTRIAL BUILDINGS, AND SENSIBLE SITES**



The convergence of technologies between CASTEL and SYNCHRONIC allows us to provide a global security solution for intercom, access control, anti-intrusion, supervision and video surveillance.



- > Access control from 1 to over 10,000 readers and up to 200,000 users
- > Access rights administration via web browser
- > Viewing passages and instream in real time
- > Great functions (readers management by site/area/sector, multiple badge numbers per user, duplicable timetables, encoding and printing badges...)
- > Supervision and centralisation of technic alarms, intrusion, fire, access control, video surveillance, robots...
- > Management of multi-layer plans
- > Audio video IP intercom (convergence with XELLIP range)
- > Planning and room booking

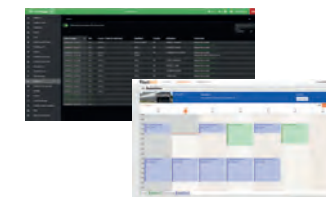


## MAIN APPLICATIONS

Tertiary and industrial sites, hospital centres, retirement homes, laboratories, hotels, banks and insurance companies, exhibition centres, office access, car parks, fold-away city terminals, high-rise buildings, public buildings, ports, public authorities, military sites, prisons... , and many other customised applications.



Intercom with Bluetooth reader and Castel Evo Web configuration Cloud application



Access control and room planning/reservation interfacing

## MAIN BENEFITS

### A user-friendly and open solution

The softwares are engineered to be compatible with all types of users. The system has a simple and user-friendly interface designed for easy learning and use. It also has a multilingual interface. As it uses an open and nonproprietary database, the solution allows an interfacing (webservices) and synchronization with your own bases and directories.

### A complete software suite

Made up of three main standalone software that can be globalised, the software suite offers all the must-have features for your security, including access control, graphic supervision of your alarms, and video surveillance management.

### A multi-site and multi-building solution

It enables centralised management of the access control system. It is possible to manage a system spread over multiple buildings or multiple sites.

The client/server architecture allows the system to be used from several client workstations, while retaining the advantages of a centralised database.

### A multi-technology and high performance solution

The system is an open system and can work with all types of technologies, proximity cards (13,56 MHz Mifare® Classic / Ultralight C / Plus, Mifare® Desfire®, CPS3), long distance, biometric, LPR, Bluetooth...

### A complete solution of access control, planification and reservation

In addition to its access control expertise, Castel offers additional solutions completely integrated into Synchronic by Castel solutions. Castel has a partnership with Jesplan, in order to offer new solutions to public authorities, for the management of their sports, administrative, cultural and leisure facilities.

The developments carried out by the companies allows a native interfacing of solutions in order to have a full solution for access control, planning and rooms booking.

IP

RS 485

Wiegand, DataClock, RS 485 readers protocols

Biometric, long distance, radio, multi-technology, LPR, Bluetooth

XELLIP intercom compatible

Control access software

Multi-site Multi-station

Proximity readers: 13.56 MHz Mifare, Desfire

Locking cylinders and door handles

Secured web architecture

Supervision software

Planning



## Access control

The access right management software is designed to be adapted to all types of sites (SMEs, SMIs, industrial sites, etc.). Standalone access control software and/or centralised on different computer networks.

It can manage from 1 to more than 10,000 readers per server, with a user capacity of up to 200,000 users.

## Supervision

The supervisor allows management and reception technical and security alarms. It offers an all-in-one interface that allows operators to manage all the information coming from the different equipment. The software uses a standardised client/server architecture, allowing data exchanges with other centralisation applications.

## CCTV Management

Smart video surveillance management system, independent of any manufacturer. You can integrate video streams from multiple hardware solutions into a single interface. It can be used as a standalone solution or in conjunction with the supervisor, allowing a complete supervision of your security system.

A natively upgradeable range of solutions

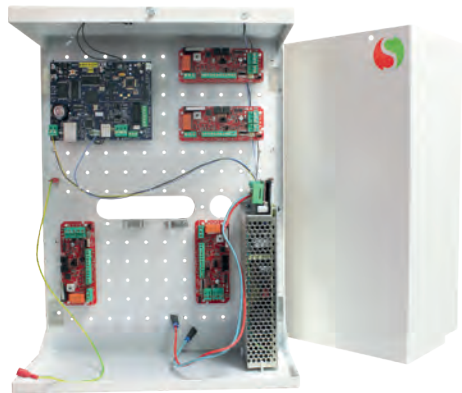


ANSSI-CSPN-2022/08 certification - UTL XSecur'-Evo Version 1.1

Multiple applications satellites

Access control on Intranet, via smartphones, POI / POB management, Visitors management, QR Codes + Pre-visits, Graphic personalisation of badges

## ACCESS CONTROL UNIT



### 3A-XPERIAL-4P-OSDP

Xperial concentrator - Management of 4 readers  
REF 390.7729

- > IP native concentrator for access control management
- > Management 4 readers expandable to 15
- > Multi-sites, multi-buildings
- > Compatible with aiR'Evolution suite
- > Compatible with differents identification technologies
- > POE power supply (option)
- > Powered box 12V/5A
- > Sealed battery 12V/17Ah in option (REF 29-SP160)

### 3A-XPERIAL-2P-OSDP

Xperial concentrator - Management of 2 readers  
REF 390.7728

### 3A-XPERIAL-4P-OSDP-PL

Xperial concentrator – Management of 4 readers  
Version for Planitech interfacing  
REF 390.7720

### 3A-XPERIAL-2P-OSDP-PL

Xperial concentrator – Management of 2 readers  
Version for Planitech interfacing  
REF 390.7731

### 3A-XPERIAL-4P-OSDP-TS

Xperial concentrator – Management of 4 readers  
Version for Turboself interfacing  
REF 390.7721

### 3A-XPERIAL-2P-OSDP-TS

Xperial concentrator – Management of 2 readers  
Version for Turboself interfacing  
REF 390.7730

## ACCESS CONTROL AND ANTI-INTRUSION UNITS



### 3A-XPRIME-1L5

Xprime system - 1 bus - Management max. of 15 readers/15 keypads/120 alarm points/30 outputs  
REF 390.3720

- > Xprime system 1 bus
- > 300 user families
- > 135 time slots
- > Up to 15 readers - 15 keypads - 120 alarm points - 30 outputs
- > From 400 to 20 000 user codes
- > IP native
- > Powered box 12V/5A
- > Sealed battery 12V/17Ah in option (REF 29-SP160)

### 3A-XPRIME-1L-PL

Version for Planitech interfacing  
REF 390.7610



### 3A-XPRIME

Xprime robot - 3 bus - Management max. of 45 readers/45 keypads/360 alarm points/90 outputs  
REF 390.3680

- > Xprime system 3 bus
- > 300 user families
- > 135 time slots
- > Up to 45 readers - 45 keypads - 360 alarm points - 90 outputs
- > From 400 to 20 000 user codes
- > IP native
- > Powered box 12V/5A
- > Sealed battery 12V/17Ah in option (REF 29-SP160)

### 3A-XPRIME-PL

Version for Planitech interfacing  
REF 390.7030

## BOX



### 29-CAL01-1205

12V/5A box - To integrate 6 UTR/UTP  
REF 390.0340

- > Steel box
- > To integrate 6 UTR/UTP
- > Integrated 12V/5A charger unit - ALI01 type
- > H 420 mm x W 320 mm x D 175 mm
- > Sealed battery 12V/17Ah in option (REF 29-SP160)

### 29-SP160

Sealed battery 12V/17Ah  
REF 390.0620

## PROGRAMMABLE LOGIC CONTROLLERS



### 31-UTP-OSDP

Processing unit 1 reader 1 door  
REF 390.7659

- > Connection to RS485 bus
- > RS485 interface OSDP protocol
- > LEDs status displays
- > Local or remote tamper contact
- > Low battery and mains failure management
- > Available inputs: CP, FP, BBV, BP output, BP input, AP, Mains fault
- > Available outputs: Relays, buzzer, LV, LR
- > Output number: 1
- > ABS case
- > Power consumption: 30mA / 12Vdc

### 31-UTP-USDP-PL

Version for Planitech interfacing  
REF 390.7722

### 31-UTP-OSDP-TS

Version for Turboself interfacing  
REF 390.7723



### 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 upgradeable 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.

3 modes are available (badge, remote control, hands-free).

## PROXIMITY READERS 13,56 MHZ EVOLVING (MIFARE® PLUS, MIFARE® SECTOR, BLUETOOTH ET MIFARE® DESFIRE®)



**LP40 EVO**  
13,56 MHz evolving compact reader  
REF 910.0373

- > Mifare Plus evolving reader to Bluetooth and / or customised configuration (Mifare secteur, Mifare desfire, Double pooling)
- > Upgradeable with Castel Evo Web software
- > Castel Virtual Card Application to use Bluetooth reader
- > Wiegand protocol
- > Light signalling (blue if powered up, red if access refused and green if access authorised)
- > Pulling out detection using accelerometer
- > IP65 - IK10 rating
- > Surface mounted
- > Power supply 10 to 14VDC
- > H 90mm x W 47mm x D 23mm
- > Weights 65g



**LP80 EVO**  
13,56 MHz evolving reader  
REF 910.0374

- > Mifare Plus evolving reader to Bluetooth and / or customised configuration (Mifare secteur, Mifare desfire, Double pooling)
- > Upgradeable with Castel Evo Web software
- > Castel Virtual Card Application to use Bluetooth reader
- > Wiegand protocol
- > Light signalling (blue if powered up, red if access refused and green if access authorised)
- > Pulling out detection using accelerometer
- > IP65 - IK10 rating
- > Surface or flush-mounted
- > Power supply 10 to 14VDC
- > H 90mm x W 85mm x D 25mm
- > Weights 85g



**LPK80 EVO**  
13,56 MHz evolving reader with keypad  
REF 910.0375

- > Mifare Plus evolving reader to Bluetooth and / or customised configuration (Mifare secteur, Mifare desfire, Double pooling)
- > Upgradeable with Castel Evo Web software
- > Castel Virtual Card Application to use Bluetooth reader
- > Keypad for access direct
- > Wiegand protocol
- > Light signalling (blue if powered up, red if access refused and green if access authorised)
- > Pulling out detection using accelerometer
- > IP65 - IK10 rating
- > Surface or flush-mounted
- > Power supply 10 to 14VDC
- > H 90mm x W 85mm x D 25mm
- > Weights 85g



**BP SECUR**  
13,56MH badge for EVO readers (LP40 EVO, LP80 EVO, LPK80 EVO) and XELLIP EVO intercoms with access control reader  
REF 160.0800



**BP KEY SECUR**  
13,56MH key-ring for EVO readers (LP40 EVO, LP80 EVO, LPK80 EVO) and XELLIP EVO intercoms with access control reader  
REF 160.0810



**BP34 DES**  
Mifare® Desfire® key-ring for LP40, LP80 and LPK80 (Desfire® configuration)  
REF 910.0092



### CASTEL VIRTUAL CARD Virtual access badge management application.

- > iOS and Android application to use of a smartphone as an ID access (virtual badge)
- > For EVO readers et intercoms with access control reader



**BP32 DES**  
Mifare® Desfire® badge for LP40, LP80 and LPK80 (Desfire® configuration)  
REF 910.0087



**PACK PROG EVO**  
Encoder and Castel Evo Web software  
REF 910.0387

- > Users badge management (13,56 MHz proximity cards)
- > Reader configuration cards creation for LP40 EVO, LP80 EVO and LPK80 EVO readers and EVO intercoms with access control reader
- > 3 configuration modes: simple, advanced and expert
- > Ergonomic software interface



**31-UTP-USBMF1**  
USB reader enrolment device for 13,56 MHz proximity badge  
REF 390.3360

- > USB 13.56 MHz proximity enrolment reader
- > Read/write (encoder)
- > Mifare® Ultralight® & Ultralight® C, Mifare® Classic & Classic EV1, Mifare Plus®, Desfire® EV1 & EV2, NFC, SMART MX, CPS3, Moneo, iCLASS® & PicoPass®
- > Reading distance up to 8 cm
- > H 107 mm x W 80 mm x D 26 mm

## PROXIMITY READERS 13,56 MHZ MIFARE® DESFIRE® COD (PRE-CONFIGURED)

### Mifare® Desfire® COD

The COD range of readers and badges provides easy access control management, while guaranteeing a high level of security, with Mifare® DesFire® technology, pre-configured at the Castel's factory with encryption keys.



**LP40 EVO COD**  
Pre-configured 13,56 MHz Mifare Desfire compact reader  
REF 910.0335

- > Pre-configured Mifare Desfire reader upgradeable to Bluetooth
- > Castel Virtual Card Application to use Bluetooth reader
- > Light signalling (blue if powered up, red if access refused and green if access authorised)
- > Pulling out detection using accelerometer
- > IP65 - IK10
- > Surface mounted
- > Power supply 10 to 14VDC
- > H 90mm x W 47mm x D 23mm
- > Weights 65g



**LP80 EVO COD**  
Pre-configured 13,56 MHz Mifare Desfire reader  
REF 910.0336

- > Pre-configured Mifare Desfire reader upgradeable to Bluetooth
- > Castel Virtual Card Application to use Bluetooth reader
- > Light signalling (blue if powered up, red if access refused and green if access authorised)
- > Pulling out detection using accelerometer
- > IP65 - IK10
- > Surface mounted
- > Power supply 10 to 14VDC
- > H 90mm x W 85mm x D 25mm
- > Weights 85g



**LPK80 EVO COD**  
Lecteur clavier sécurisé carré 13,56 MHz préconfiguré Mifare Desfire, montage saillie ou pot 65mm  
REF 910.0337

- > Pre-configured Mifare Desfire reader upgradeable to Bluetooth
- > Castel Virtual Card Application to use Bluetooth reader
- > Keypad for access direct
- > Light signalling (blue if powered up, red if access refused and green if access authorised)
- > Pulling out detection using accelerometer
- > IP65 - IK10
- > Surface mounted
- > Power supply 10 to 14VDC
- > H 90mm x W 85mm x D 25mm
- > Weights 85g



**BP SECUR COD**  
13,56MH badge for EVO COD readers (LP40 EVO COD, LP80 EVO COD, LPK80 EVO COD) and XELLIP EVO intercoms with access control reader  
REF 910.0332



**BP KEY SECUR COD**  
13,56MH key-ring for EVO COD readers (LP40 EVO COD, LP80 EVO COD, LPK80 EVO COD) and XELLIP EVO intercoms with access control reader  
REF 910.0333

## PROXIMITY READERS 13,56 MHZ MIFARE® DESFIRE® COD (PRE-CONFIGURED)



**31-UTP-USBMF1**  
USB reader enrolment device for 13,56 MHz proximity badge  
REF 390.3360

- > USB 13.56 MHz proximity enrolment reader
- > Read/write (encoder)
- > Read and write mode
- > Reading distance up to 8 cm
- > H 107 mm x W 80 mm x D 26 mm



**CASTEL VIRTUAL CARD**  
Virtual access badge management application.

- > iOS and Android application to use of a smartphone as an ID access (virtual badge)
- > For EVO readers et intercoms with access control reader

## PROXIMITY READERS 13,56 MHZ AND BLUETOOTH



**LPBT 23**  
13,56 MHz and Bluetooth reader  
REF 910.0133

- > 13,56 MHz proximity cards & Bluetooth reader (virtual card on smartphone)
- > 5 authentication modes (card, remote, slide, hands-free, tap tap)
- > Light signal (2 programmable leds)
- > Audio signal (built in buzzer)
- > Pulling out detection using accelerometer
- > IP65 – IK10 rating
- > External power supply 7 to 28 V
- > H 107 mm x W 80 mm x D 26 mm



**LPBT 23 CLAV**  
13,56 MHz and Bluetooth reader with keypad  
REF 910.0148

- > 13,56 MHz proximity cards & Bluetooth reader (virtual card on smartphone)
- > 5 authentication modes (card, remote, slide, hands-free, tap tap)
- > Sensitive keypad
- > Light signal (2 programmable leds)
- > Audio signal (built in buzzer)
- > Pulling out detection using accelerometer
- > IP65 – IK08 rating
- > External power supply 7 to 28 V
- > H 107 mm x W 80 mm x D 26 mm



**KIT DE PROGRAMMATION BLUETOOTH**  
Configuration kit (including software) for Bluetooth readers  
REF 910.0205

- > Users badge management (13,56 MHz proximity cards & virtual cards)
- > Reader configuration cards creation
- > Security keys and configuration management
- > Smart and ergonomic software interface
- > Local and offline programming



**ENROLEUR USB BLUETOOTH**  
USB enrolment device for 13,56 MHz proximity and Bluetooth badge  
REF 120.9500

**CREDIT BLUE**  
STID Mobil ID virtual badge - Offline operation  
REF 910.0206

**CREDIT BLUE ONL**  
STID Mobil ID virtual badge - Offline operation  
REF 910.0207

## KEYPADS



**31-TCLAV11**  
Vandal proof keypad for direct access - Data Clock  
REF 390.2540

- > Waterproof clock and data emulation keypad
- > 12 metal keys
- > 3 colors kit included: grey blue red
- > Connection to UTP
- > IP66 - IK10 rating
- > 12 to 24V power supply
- > H 100 mm x W 85 mm x D 22 mm



**CLAVIER WIEGAND BRAILLE**  
Wiegand keypad, keys with Braille  
REF 330.0100

- > Keypad for direct access
- > Large backlit keys with Braille diameter 16 mm (blue)
- > Light signalling and buzzer
- > Stainless steel vandal proof front panel
- > Flush mounted
- > Power supply 12 to 24V
- > • H 135 mm x W 100 mm x D 2.5 mm (flush-mounted with flush box D 40 mm)
- > • H 140 mm x W 105 mm x D 60 mm (surfacemounted with optional surface box REF 330.0150)

## 13,56 MHZ BIOMETRIC READERS



**LB32/C**  
Fingerprints biometric reader  
REF 910.0093

- > Fingerprints optical scanner
- > Features 13.56 MHz proximity card reader
- > Authentication mode (biometric data stored in the card)
- > Visitors management (card only)
- > Light signalling (blue, red, green leds)
- > 24V power supply
- > H 190 mm x W 70 mm x D 45 mm (surface-mounted installation)



**ENCODEUR BIO USB**  
USB biometric encoder for LB32/C reader  
REF 910.0200

- > Management of fingerprint templates encoding on the card
- > Acquisition and registration on the card made during the same process (no database: Data Privacy Authority compliant)
- > PC connection (via USB): with CASTEL ACCESS, management of fingerprints acquisition, cards management...
- > USB power supply
- > H 174 mm x W 100 mm x D 147 mm (with desktop base)



**LECT BIO DES**  
Fingerprints biometric 13,56 MHz Mifare® reader  
REF 910.0170

- > 13,56 MHz MIFARE® Desfire® EV1/EV2, MIFARE® Desfire®, MIFARE® Plus®, MIFARE® Classic, MIFARE® Ultralight® proximity cards reader
- > Serial number and/or security reading: Centralised key management, the player supports 2 different Desfire configurations + fingerprints
- > Authentication mode (biometric data stored in cards)
- > Pulling out detection using accelerometer with key deletion function
- > IP65 - IK10 rating
- > Power supply 7 to 28V
- > H 148 mm x W 80 mm x D 71.3 mm

**KIT DE PROGRAMMATION BIO**  
Configuration kit (including software) for high security cards and fingertips USB reader  
REF 910.0180

- > Users tag and cards management
- > Reader configuration cards creation
- > Biometric reading
- > Smart and ergonomic software interface

## QR CODE READER MIFARE® AND QR CODE



### LP ARC EVO QR CODE

Mifare® 13,56 MHz and QR Code reader  
REF 910.0169

- > 13,56 MHz proximity card reader
- > QR Code reader for temporary accesses, visitor management
- > Light signal (2 programmable leds)
- > Audio signal (built in buzzer)
- > Pulling out detection using accelerometer
- > IP65 - IK08 rating
- > Power supply 7 to 28 V
- > H 156.5 mm x W 80 mm x D 36 mm

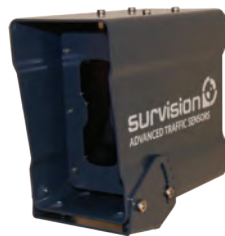


### LP ARC EVO CLAV QR CODE

Mifare® 13,56 MHz with keypad and QR Code reader  
REF 910.0167

- > 13,56 MHz proximity card reader
- > Sensitive keypad
- > QR Code reader for temporary accesses, visitor management
- > Light signal (2 programmable leds)
- > Audio signal (built in buzzer)
- > Pulling out detection using accelerometer
- > IP65 – IK08 rating
- > Power supply 7 to 28 V
- > H 156,5 mm x W 80 mm x D 36 mm

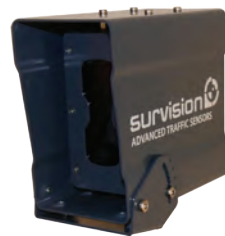
## LICENSE PLATE RECOGNITION (LPR)



### 31-TLPV-06-RS

Licence plate Micropak 3 VARIO reader for one country / state - reading from 2 to 6 m up to 250 km/h  
REF 910.7680

- > LPR camera included
- > Using RS485protocol
- > Connect to CN-UTP-TLPV (REF 390.7683)
- > Reading distance 2 to 6 m
- > Covered track width up to 4 m
- > Full integrated with PCPass Evolution
- > Day and night operation
- > Multiple mounting modes
- > Power supply 24V (3 m cable), support and mounting kit included
- > Aluminium casing - 7031 RAL
- > IP67 rating
- > H 130 mm x W 70 mm x D 115 mm
- > Weights 1.58 kg



### 31-TLPV-15-RS

Licence plate Micropak 3 VARIO reader for one country / state - reading from 4 to 15 m up to 250 km/h  
REF 910.7681

- > LPR camera included
- > Using RS485protocol
- > Connect to CN-UTP-TLPV (REF 390.7683)
- > Reading distance 4 to 15 m
- > Covered track width up to 4 m
- > Full integrated with PCPass Evolution
- > Day and night operation
- > Multiple mounting modes
- > Power supply 24V (3 m cable), support and mounting kit included
- > Aluminium casing - 7031 RAL
- > IP67 rating
- > H 130 mm x W 70 mm x D 115 mm
- > Weights 1.58 kg

### 31-TLP-BRAS

Mounting kit for 31-TLPV-06-RS or 31-TLPV-15-RS  
REF 390.2700



### 31-TLPV-VBS-RS

Licence plate reader - reading distance up to 8 m  
REF 390.7682

- > LPR camera included
- > Using RS485protocol
- > Connect to CN-UTP-TLPV (REF 390.7683)
- > Reading distance up to 8 m
- > Full integrated with PCPass Evolution
- > External power supply 24V
- > Aluminium casing
- > Wall mounting included
- > IP67 rating
- > H 90 mm x W 178 mm x D 133 mm
- > Weights 1.25 kg

### 31-TLPV-VBS-MAT

Mast support for 31-TLPV-VBS-RS plate reader  
REF 390.5720

## LONG DISTANCE READERS 868 MHZ RADIO



### LR01 EVO

868 MHz radio card reader pour BR01 SECUR remote  
REF 910.0377

- > Wiegand protocol
- > ABS case
- > Power supply 12 to 24V or VAC
- > Connexion on UTP
- > IP67 rating
- > H 158.3mm x D 95.3mm x D 34.5mm

### ANTENNE LR01/C

Antenna for LR01/C  
(antenna delivered with cable and mounting bracket)  
REF 910.0117



### BR01 SECUR

Dual-technology remote control Mifare® and 868 MHz radio  
REF 910.0376

- > 4 buttons remote control
- > Transmit button codes to LR01/C EVO reader
- > Remote control equipped with 13.56 MHz Mifare® Plus microchip
- > Max reading range 50 m
- > Fireproof ABS VO case
- > Lithium 3V battery
- > H 72.2 mm x W 40 mm x D 14 mm

### BR01 SECUR COD

Dual-technology remote control Mifare® Desfire® and 868 MHz radio for LP40 EVO COD, LP80 EVO COD, LPK80 EVO COD readers  
REF 910.0334

### BR01/DES

Dual-technology remote control Mifare® Desfire® and 868 MHz radio  
REF 910.0124

## LONG DISTANCE READERS UHF 868 MHZ



### LECTEUR UHF SPECTRE

UHF long range reader  
REF 910.0149

- > Ranged and automated vehicles identification
- > Controls up to 4 lines simultaneously
- > Reader supports up to 4 antenna
- > Max reading range 13 m
- > Antenna made of ABS and polycarbonate / aluminium casing reader
- > Mounting kit included
- > IP66 – IK10 rating
- > 12V power supply
- > H 348.7 mm x W 279.2 mm x W 45.1 / 83.6 mm



### SPECTRE NANO

UHF multi-technologies and Bluetooth long range reader  
REF 910.0166

- > Ranged and automated vehicles and/or drivers identification
- > Using RS485 / RS232 / TTL protocol
- > Antenna integrated with circular polarization
- > Reading distance up to 6 m with ETIQUETTE UHF / BADGE UHF TELETAG and up to 20 m with Bluetooth smartphone
- > Antenna made of ABS and polycarbonate / aluminium casing reader
- > Wall or mast mounting
- > Wall mounting kit included
- > IP65 - IK10 rating
- > Power supply 12V
- > H 183 mm x W 230 mm x D 35 mm



### BADGE UHF TELETAG

UHF Teletag passive batteryless badge for vehicles  
REF 910.0131

### ETIQUETTE UHF

UHF stickers for vehicles  
(96.5 mm x 22.2 mm x 0.36 mm)  
REF 910.0134

### BADGE UHF MIFARE

UHF + Mifare® 1k badge  
REF 910.0123



## 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.

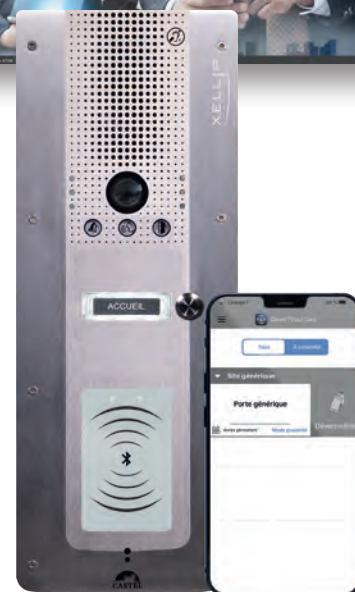
Multi-technology, intercoms are upgradeable to Mifare DesFire® technologies, CSP3, Ultralight®, double pooling ...

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.

## INTERCOMS WITH ACCESS CONTROL READER



### 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 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 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 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

## INTERCOMS WITH ACCESS CONTROL READER



**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

## APERIO®



**APERIO CYL SANS HUB**  
Aperio® online cylinder: electrical  
lock system with Mifare®  
reader - Stainless steel double  
knob cylinder C100  
REF 180.9200



**APERIO CYL DOUBLE LECT**  
Aperio® online cylinder double  
readers: electrical lock system  
with Mifare® reader - Stainless  
steel double knob cylinder  
C100  
REF 180.9300



**APERIO DEMI CYL**  
Aperio® online half cylinder:  
electrical lock system with  
Mifare® reader - Stainless steel  
knob cylinder C100  
REF 180.9250



**APERIO H100 DROITE**  
H100 Aperio® on rose electro-  
nic handle with Mifare® reader  
- right opening  
REF 180.1170

**APERIO H100 GAUCHE**  
H100 Aperio® on rose electro-  
nic handle with Mifare® reader  
- left opening  
REF 180.1171



**APERIO BEQ SANS HUB**  
Aperio® online door handle:  
electrical lock system with  
Mifare® reader - Standard door  
handle French Euro profile  
E100  
REF 180.9100



**APERIO SER SANS HUB**  
Aperio® electromechanical lock  
with door handle and Mifare®  
reader - European profile L100  
REF 180.9400



**APERIO KS100**  
Aperio® electronic lock for  
computer rack  
REF 180.9535



**APERIO KL100**  
Aperio® electronic lock for  
lockers and cabinets  
REF 180.9536 (short version)  
REF 180.9543 (long version)



**A1-HUB5**  
Hub radio for 5 Aperio® cylinders or door han-  
dles - Max. distance 20 m  
REF 390.4300

**APERIO LOG**  
Software tool to setup and configure Ape-  
rio® devices/ hubs (radio communication USB  
dongle included)  
REF 180.9900

**APERIO OUTIL CYL V3**  
V3 cylinder tool  
REF 180.9503



**ANTENNE EXTERNE APERIO**  
External antenna for communication 1/8 hub  
REF 180.9501

**EMBOUT POIGNEE H100**  
U shape ending for H100 handles  
REF 180.9512

**ROSACE H100 CYL EUR**  
H100 European cylinder rose  
REF 180.9513

## SIMONSVOSS®

The XT Manager access control solution is compatible with SmartIntego® electronic cylinders and handles (registered trademark of SimonsVoss, Allegion group).

SmartIntego is a technology that combines a Mifare reader and an electronic locking system, all powered by a CR2450 lithium battery.

The lock is connected wirelessly to the UTL via an 868 MHz radio router.

Easy to install and requiring no drilling, the SmartIntego solution allows doors to be secured quickly.



**A3-CY1-I**  
AX radio SmartIntego® electronic cylinder, interior: electronic locking system with Mifare® Classic and Desfire reader – controlled entry/free exit  
REF 280.0006



**A3-CY2-I**  
AX radio SmartIntego® electronic cylinder: electronic locking system with Mifare® Classic and Desfire reader – controlled entry/free exit  
REF 280.0008



**A3-CY0**  
AX radio SmartIntego® electronic half cylinder, interior: electronic locking system with Mifare® Classic and Desfire reader  
REF 280.0000



**A3-CY-BI**  
AX radio SmartIntego® electronic half cylinder: electronic locking system with Mifare® Classic and Desfire reader for computer racks  
REF 280.0031



**A3-PO-I**  
AX radio SmartIntego® electronic handle on escutcheon with Mifare® Classic and Desfire reader - interior U-shaped handle - reversible right-left  
REF 280.0014



**A3-BQ-SP**  
SmartIntego® electronic radio door handle: electronic locking system with Mifare® reader - SNAPIN European profile door handle - drill-free installation  
REF 280.0032



**A3-CADENAS**  
AX radio SmartIntego® electronic padlock: electronic locking system with Mifare® Classic and Desfire reader - 60 mm shackle, 8 mm diameter  
REF 280.0033



**A3-VERROU**  
SmartIntego® AX radio electronic locker lock: electronic locking system with Mifare® Classic and Desfire reader for lockers and cabinets  
REF 280.0019



**A3-HUB**  
RS485/868 MHz radio hub for 15 SmartIntego® cylinders or handles - Maximum distance 30 m in open space  
REF 280.0020

**A3-LOG**  
SimonsVoss® product configuration software  
REF 280.0022

**A3-PROG**  
SimonsVoss® USB programmer  
REF 280.0023

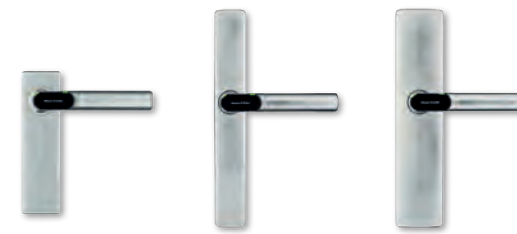
**A3-CONF**  
SimonsVoss® USB-RS485 configurator  
REF 280.0024

**A3-PO-OPT-RRP**  
Escutcheon set - European cylinder hole (to be ordered with AX handle)  
REF 280.0018

**A3-PO-OPT-RRB**  
Escutcheon set - blind (to be ordered with AX handle)  
REF 280.0017

**A3-CY-TOOL**  
Assembly and disassembly key for AX cylinder and half-cylinder  
REF 280.0013

## UZ®



**A2-BQ-I**  
UZ® electronic radio door handle: electronic locking system with Mifare® and Desfire reader - interior  
REF 390.4440

**A2-BQ-E**  
Outdoor version  
REF 390.4420



**A2-PO-RR-I**  
UZ® electronic radio handle: electronic locking system with Mifare® and Desfire reader - round escutcheon - interior - cylinder escutcheon not supplied (ref. A2-PO-OPT-RRP)  
REF 390.4540

**A2-PO-RR-E**  
Outdoor version  
REF 390.4520



**A2-HUB5**  
Radio hub for 5 UZ® devices - Maximum distance of 20 metres between hub and reader  
REF 390.4500



**A2-CY-I**  
UZ® electronic radio cylinder: electronic locking system with Mifare® and Desfire reader - interior - 30x30 door (for other sizes, use A2-CY-EXT-B05 extensions)  
REF 390.4480

**A2-CY-E**  
Outdoor version  
REF 390.4460



**A2-VER-I**  
UZ® radio electronic lock: electronic locking system with Mifare® and Desfire reader for lockers, cabinets and computer racks  
REF 390.4600

**A2-ANT-D**  
Remote magnetic antenna for UZ® radio hub - 2.5m long  
REF 390.4400

**A2-PO-OPT-RRP**  
Round escutcheon option for UZ® handle - Euro profile  
REF 390.6820

**A2-SERV-KEY**  
Configuration badges for UZ® cylinders/locks/handles - Installation, removal and battery replacement for cylinders  
REF 390.4580

**A2-SECOURS**  
UZ® cylinder emergency power supply kit  
REF 390.4560

## SOFTWARES ACCESS CONTROL - PC PASS EVOLUTION - XT MANAGER



### 31-LCA-015

PCPASS Evolution - Single computer - Management of 15 readers or keypads - 400 users  
REF 390.1820

- > Access rights administration software - single computer
- > Stand-alone and/or centralized operation on different types of computer networks
- > Management of 15 readers or keypads
- > Management of 400 users
- > Standard databases (SQL, mySQL, ...)
- > Photo booth integrated
- > Multi-site, multi-building architecture
- > A lot of extension softwares
- > Interactive timelines
- > Multi-technologies (proximity, biometric, radio,...)
- > Software extensions available
- > Compatible with other aiR'Evolution softwares

### 31-LCA-030

PCPASS Evolution - Single computer - Management of 30 readers or keypads expandable to 5 000 - 4000 users expandable to 200,000  
REF 390.1840

### 31-LCA-050

PCPASS Evolution - Multi computers - Management of 50 readers or keypads expandable to 5 000 - 10 000 users expandable to 200,000 - 1 customer license included  
REF 390.1860

### 31-LCA-100

PCPASS Evolution - Multi computers - Management of 100 readers or keypads expandable to 5 000 - 10 000 users expandable to 200,000 - 1 customer license included  
REF 390.1880

### 31-LCA-200

PCPASS Evolution - Multi computers - Management of 200 readers or keypads expandable to 5 000 - 10 000 users expandable to 200,000 - 1 customer license included  
REF 390.1900



### 31-LCA-XT

Xt Manager - Management of access control on web browser - Provide 31-LCA-050 or superior  
REF 390.7633

- > HTML application customer/server for management and administration access control installati
- > No software installation on workstations
- > Access rights administration via web browser
- > Hierarchical access
- > Use on any computer on a network
- > Real-time access flow
- > Multi-site, multi-building architecture
- > Compatible with all systems (Windows, Mac, Linux...)

### 31-LGVIS-XT

Xt Manager extension - Visitor management module on web browser  
REF 390.7691

### 31-LCAE-MILESTONE

PCPASS Evolution Plugin Milestone Acces Control extension  
REF 390.6680

- > To integrate access control Milestone X-Protect
- > Provide 31-LCA-050 or superior and a Milestone X-Protect Acces license per reader

## SOFTWARES SUPERVISION - HORIZON EVOLUTION



### 31-L4SUPM0150

HORIZON Evolution - 150 Points (inputs + outputs) - 1 customer license included  
REF 390.1560

- > Centralization and supervision software
- > Support technic alarms, intrusion and fire, access control, video surveillance, video matrix, intercom and automats
- > Up to 150 points (inputs / outputs)
- > 1 license customer included
- > Multi-layer plan management
- > Single computer or multi-computer
- > Video controls
- > Local / remote management
- > Intranet management

### 31-L4SUPM0300

HORIZON Evolution - 300 Points (inputs + outputs) - 1 customer license included  
REF 390.1580

### 31-L4SUPM0500

HORIZON Evolution - 500 Points (inputs + outputs) - 1 customer license included  
REF 390.1600

### 31-L4SUPM1000

HORIZON Evolution - 1000 Points (inputs + outputs) - 1 customer license included  
REF 390.1620

### 31-L4SUP-PR

HORIZON Evolution - Centrale Galaxy HONEYWELL protocol  
REF 390.1700

## SOFTWARES VIDEO MANAGEMENT - VISION EVOLUTION 2



### 28-SOC-BASIC

Qognify VMS Basic Core version  
REF 390.7338

- > 50 MAX cameras
- > 5 local, web, mobile or remote unlimited customers
- > Unlimited input/output equipment
- > Map
- > Transmission

### 28-SOCAMBASIC

License for Basic camera  
REF 390.7336

### 28-SOC-ADVANCED

Qognify VMS Advanced Core version  
REF 390.7334

- > Same features as 28-SOC-BASIC with the exception of:
- > Unlimited cameras
- > Secured redundancy management
- > Overwall image
- > SDK
- > Complex alarm scenarios
- > VOIP support

### 28-SOCAMADV

License for Advanced camera  
REF 390.7335

### 28-SOC-INF

Qognify VMS Infinity Core version  
REF 390.0100

- > Same features as 28-SOC-ADVANCED with the exception of:
- > Fail over recordings
- > Multi-levels administration
- > Active directory support

### 28-SOCAMINF

Licence for Infinity camera  
REF 390.0040



## SOFTWARES ROOM PLANNING AND BOOKING

### 31-LCAP-PLANITECH

Synchronic/Planitech interfacing licence  
REF 390.6690

Connecting Synchronic by Castel access control solution to Planitech planning-booking solution

## PC AND SERVERS PC SERVER



### 53-UC0022

UC INTEL I3 from DELL or equivalent  
REF 390.7050

- > 8 Go RAM / SSD 250 Go
- > Win 10 PRO
- > Synchronic software loaded
- > Limited to 30 'LCA-030' drives beyond which a rack server is required

### 53-UC0033

UC INTEL I5 from DELL or equivalent  
REF 390.7100

## PC AND SERVERS RACK SERVERS



### 53-UC0034R

UC Xeon rack server from DELL or equivalent  
REF 390.7110

- > 16 Go RAM / 2 To HDD
- > Win Srv 2019 Essentials
- > Synchronic software loaded
- > Provide a 900mm deep bay with front and rear mounting brackets



### 53-UC0034RR

UC Xeon rack server from DELL or equivalent  
REF 390.7090

- > 16 Go RAM / 600 Go Raid 1
- > Win Srv 2019 Essentials
- > Alimentation redondante
- > Synchronic software loaded
- > Provide a 900mm deep bay with front and rear mounting brackets

## PC AND SERVERS

### OPERATION PC 1 SCREEN



**53-UC0022**  
UC INTEL I3 from DELL  
or equivalent  
REF 390.7050

- > 8 Go RAM / SSD 250 Go
- > Win 10 PRO
- > Synchronic software loaded
- > Horizon supervision possibility without video surveillance
- > Provide a screen (see samples below)

### OPERATION PC 2 SCREENS



**53-UC0033**  
UC INTEL I5 from DELL  
or equivalent  
REF 390.7140

- > 8 Go RAM / SSD 250 Go
- > Win 10 PRO
- > Synchronic software loaded
- > Horizon supervision management with video surveillance
- > Provide a screen (see samples below)

### OPERATION PC 3 SCREENS



**53-UC0034**  
UC INTEL I7 from DELL  
or equivalent  
REF 390.7170

- > 8 Go RAM / SSD 250 Go
- > Win 10 PRO
- > Synchronic software loaded
- > Horizon supervision management with video surveillance
- > Provide a screen (see samples below)

## PC AND SERVERS SCREENS



**53-LCD22W-I**  
22 inch LED screen  
REF 390.3920



**53-LCD24W-I**  
24 inch LED screen  
REF 390.3940



**53-LCD27W**  
27 inch LED screen  
REF 390.6360

## ALARM PROCESSING UNITS INTRUSION



**31-UTR-2R**  
Input / output interface card  
REF 390.3380

- > Input / output interface card
- > 8I/2O, 4I/6O, 10O configuration
- > 2 relays
- > Operating voltages from 9 Vdc to 18 Vdc
- > Card consumption 30 mA at 12 Vdc
- > In ABS case (REF BTUV-P3)

**31-UTR-2R-PL**  
Planitech interface version  
REF 390.7612



**31-TCL06**  
Indoor keypad LCD 2 lines - red and green LEDs  
REF 390.2500

- > Indoor keypad 2 lines LCD display
- > Active backlight
- > Bus RS485 connection
- > 2 green and red LEDs controlled by keypad or programming
- > Access control or alarm function
- > Dimensions 140 x 135 x 46 mm
- > Power consumption at 12V: 35 mA



**CN-XPE-4G**  
IP transmission module on LTE/4G for Xprime central/  
Xsecur0x-2B/Multibanque - Provide microSIM SIM card  
REF 390.5920

- > SIA/CID DC-09 transmitter via mobil network for Synchronic UGL
- > XPE-LTE-UGL card (plug-in in place of XPE-RTC) and remote XPE-LTE case via RS422 bus

## ACTIVATION CARDS



**CARD EVO 1**  
Activation card to expanding functions for 1 EVO reader  
REF 910.0379

- > Activation card to expanding functions
- > 1 reader type LP40 EVO / LP80 EVO / LPK80 EVO
- > Functions available: Mifare secteur / Mifare desfire / Double pooling

**CARD EVO 5**  
Activation card to expanding functions for 5 EVO readers  
REF 910.0380

**CARD EVO 10**  
Activation card to expanding functions for 10 EVO readers  
REF 910.0381

**CARD EVO 20**  
Activation card to expanding functions for 20 EVO readers  
REF 910.0382



**CARD BLE 1**  
Activation card to Bluetooth function for 1 EVO reader  
REF 910.0383

- > Activation card to Bluetooth function
- > 1 reader type LP40 EVO / LP80 EVO / LPK80 EVO

**CARD BLE 5**  
Activation card to Bluetooth function for 5 EVO readers  
REF 910.0384

**CARD BLE 10**  
Activation card to Bluetooth function for 10 EVO readers  
REF 910.0385

**CARD BLE 20**  
Activation card to Bluetooth function for 20 EVO readers  
REF 910.0386

## ACCESSORIES FOR INTERCOMS WITH ACCESS CONTROL READER

**CEINTURE 375**  
Stainless-steel belt for big XE  
units (H 375 mm)  
REF 590.9320

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

**CEINTURE 493**  
Stainless-steel anti-tear  
housing (surface mounting)  
for very big XE units (H 493  
mm) (door entry stations with  
keyboard and reader)  
REF 590.9100

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

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