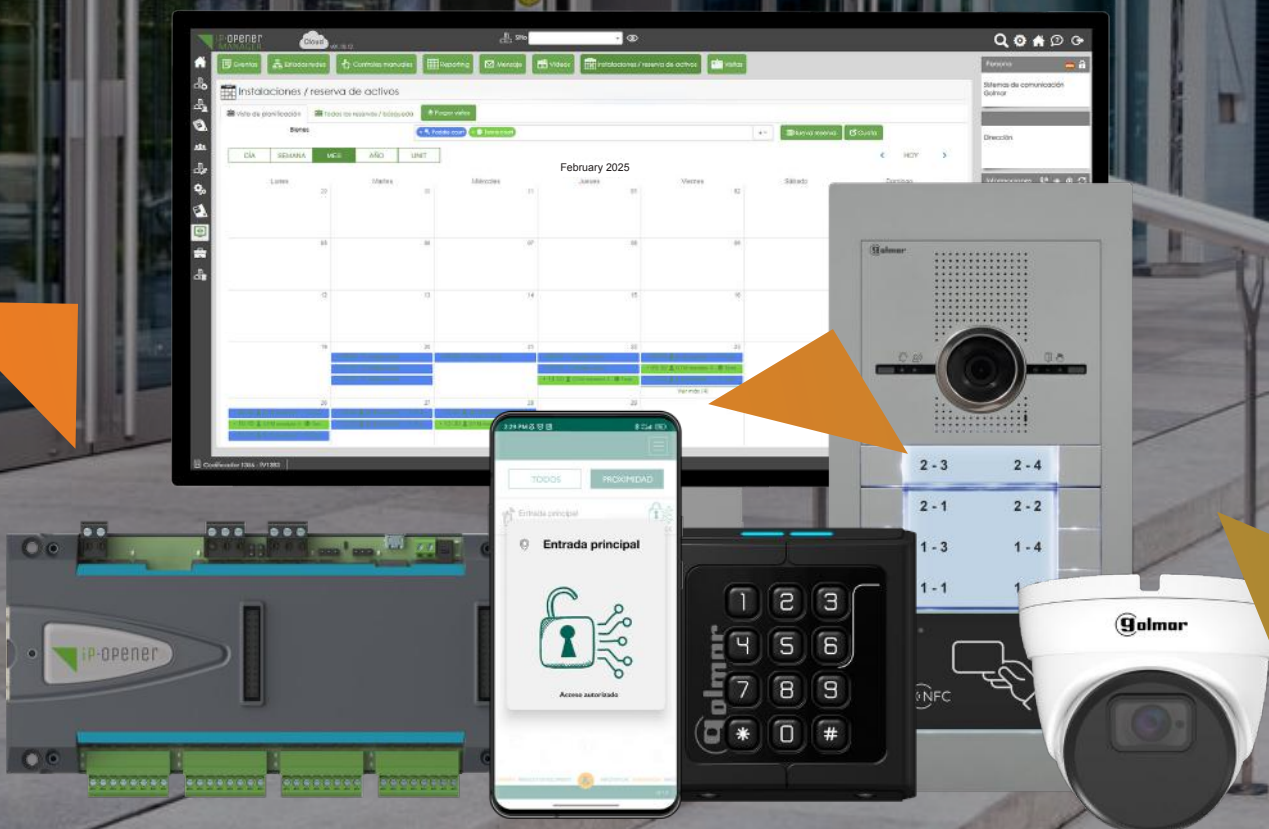


iP-Opener

| access control solutions



iP-Opener is a scalable system that allows you to create installations of any size. Powerful and modular, it uses the latest encryption technology to allow you to secure your doors with efficiency and simplicity.

iP-Opener is a networked access control solution, which connects to a remote cloud service (www.ip-opener.com), allowing you to manage the site, obtain logs and monitor all events in real time remotely. It is also possible to apply new configurations, add credentials or modify permissions to groups of users as if connected locally on the network. It has a facilities booking service module, which, through the resident's portal, allows the creation of restricted access

areas, depending on occupancy and availability, such as gyms, paddle tennis courts, sports areas... iP-Opener provides numerous functions such as: zone management, reflexes, anti-pass back, among others, that allow programming the logics and routines that the area may require. The powerful management software allows these and more functionalities, which are programmed in a simple and intuitive way.

Residential

iP-Opener fits perfectly into residential projects, from building complexes to BTR (build-to-rent) projects.



Healthcare

The iP-Opener range especially enhances security and access control in the sanitary sector, from assisted living homes, elderly housing, clinics to large hospitals.

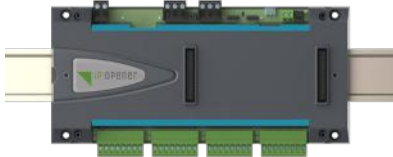


Service sector

Secure and manage access in industries, offices, student campuses as well as in the hospitality sector, restaurants and hotels.



IP-OPENER CONTROLLERS

**GM-IPOP-1P**

20780200

GM-IPOP-2P-WIEG

20730002

GM-IPOP-4P

20780202

Three controller models:

- 1 non-expandable access (1P model) with 2SAFE protocol
- 2 accesses (model 2P-WIEG), expandable to 6, with Wiegand 26 protocol
- 4 accesses (model 4P), expandable to 6, with 2SAFE protocol

Remote programming and management through the iP-Opener Manager web environment

Network connection by TCP/IP or RS485

Verification by PIN, RFID, Bluetooth, QR, UHF or RF

Capacity for up to 100,000 users and storage of up to 20,000 events

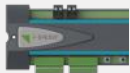
48VDC/2A output relay(s) (NO, C, NC)

Input(s) for remote activation button(s)

Installation in metal cabinet (not included)

12VDC/1.5A power supply

198(W) x 90(H) x 34(D) mm (11DIN)

**GM-IPOP-EXP2P**

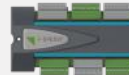
20780211

2 access expansion module

For GM-IPOP-4P controller

Plug-in installation on the controller

198(W) x 70(H) x 26(D) mm (11DIN)

**GM-IPOP-EXP4PW**

20730001

4 access expansion module

For controller GM-IPOP-2P-WIEG

Plug-in installation on the controller

198(W) x 70(H) x 26(D) mm (11DIN)

**GM-IPOP-EXP12E**

20780213

12-input expansion module

Plug-in installation on the controller

198(W) x 70(H) x 26(D) mm (11DIN)

**GM-IPOP-EXP12S**

20780212

12-output expansion module

48VDC/1A or 24VDC/5A output relays (NO, C, NC)

Plug-in installation on the controller

198(W) x 70(H) x 26(D) mm (11DIN)

**GM-IPOP-10E-RS485**

20730007

10-input expansion module

Installation via RS485 with the controller

200(W) x 90(H) x 34(D) mm (11DIN)

**GM-IPOP-10S-RS485**

20730004

10-outputs extension module

48VDC/1A or 24VDC/5A output relays (NO, C, NC)

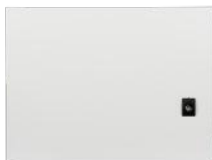
Installation via RS485 with the controller

200(W) x 90(H) x 34(D) mm (11DIN)

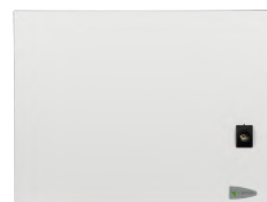
ACCESSORIES FOR IP-OPENER CONTROLLERS

**GM-PSIPOP-S** 20700080

Metal cabinet with lock
Capacity for one controller, one expansion module and one BAT-7A battery
12Vdc/3.5A power supply included
Tamper alarm
200(W) x 230(H) x 82(D) mm

**GM-PSIPOP-M** 20700023

Metal cabinet with lock
Capacity for 2 controllers, 2 expansion modules and one BAT-7A battery
12Vdc/3.5A power supply included
Tamper alarm
456(W) x 342(H) x 100(D) mm

**GM-PSIPOP-G** 20780125

Metal cabinet with lock
Capacity for 4 controllers, 4 expansion modules and one BAT-7A battery
12Vdc/7A power supply included
Tamper alarm
456(W) x 505(H) x 100(D) mm

**RES-IPOP** 20710501

Module for activation of the booking management function

**BAT-7A** 21090070

12Vdc/7Ah rechargeable battery
Maintenance-free lead acid
Weight: 2.700gr
Without lockable metal cabinet
151(W) x 91(H) x 65(D) mm

EASYGATE CONTROLLERS

**EASYGATE** 20740440

Non-expandable 1-access controller with 2SAFE protocol
Only for proximity reader with 2SAFE protocol. BLE feature cannot be used.
Local management via master card or remote management via web environment
No internet connection required for remote management
Capacity for up to 2,000 users
Relay output (NO, C, NC)
12/24VAC or DC power supply.
70(W) x 75(H) x 19(D) mm

**EASYGATE-RF** 20730005

Non-expandable 2-access controller with 2SAFE protocol
Only for proximity reader with 2SAFE protocol. BLE feature cannot be used.
Built-in radio frequency receiver for GM-WEIPOP and GM-WEIPOP MF+ controllers
Local management via master card or remote management via web environment
No internet connection required for remote management
Capacity for up to 2,000 users
Output relays (NO, C, NC)
Inputs for remote activation button
12/24VAC or DC power supply.
120(W) x 100(H) x 45(D) mm

2SAFE DEVICES

**GM-SRIPOP**

20780205

Proximity reader 13,56MHz with 2SAFE protocol
 For iP-Opener and EASYGATE controllers
 Status indicator light
 Indoor wall installation
 78(W) x 78(H) x 18(D) mm
 Compatible with Golmar MIFARE Classic and MIFARE+ cards, key fobs and controllers

**GM-IPOP 40**

20720004

13,56MHz proximity reader and Bluetooth with 2SAFE protocol
 Vandal-proof and waterproof housing
 For iP-Opener and EASYGATE controllers
 Status indicator lights
 Outdoor wall installation
 47(W) x 90(H) x 23(D) mm
 Compatible with Golmar MIFARE Classic and MIFARE+ cards, key fobs and remotes
 Bluetooth activation via K-APP mobile application (requires BLE points)

**GM-MRIPOP**

20780204

Proximity reader 13,56MHz with 2SAFE protocol
 For iP-Opener and EASYGATE controllers
 Status indicator light
 Indoor wall installation
 43(W) x 78(H) x 17(D) mm
 Compatible with Golmar MIFARE Classic and MIFARE+ cards, key fobs and controllers

**GM-IPOP 80**

20720005

13,56MHz proximity reader and Bluetooth with 2SAFE protocol
 Vandal-proof and waterproof housing
 For iP-Opener and EASYGATE controllers
 Status indicator lights
 Outdoor wall installation
 85(W) x 90(H) x 25(D) mm
 Compatible with Golmar MIFARE Classic and MIFARE+ cards, key fobs and controllers
 Bluetooth activation via K-APP mobile application (requires BLE points)

**GM-ORIPOP**

20780214

Proximity reader 13,56MHz with 2SAFE protocol
 For iP-Opener and EASYGATE controllers
 Status indicator light
 Outdoor wall installation
 45(W) x 100(H) x 16(D) mm
 Compatible with Golmar MIFARE Classic and MIFARE+ cards, key fobs and remotes

**GM-IPOP CHAMP**

20720007

Proximity reader 13,56MHz with 2SAFE protocol
 For iP-Opener and EASYGATE controllers
 Status indicator light
 Embedded installation in front panels
 Diameter of fretwork: 25.5 mm
 43(Ø) x 7(D) mm
 Compatible with Golmar MIFARE Classic and MIFARE+ cards, key fobs and controllers

**GM-IPOP 80D**

20720006

13,56MHz proximity reader and Bluetooth with 2SAFE protocol
 Illuminated keypad for PIN code access
 Vandal-proof and waterproof housing
 For iP-Opener and EASYGATE controllers
 Status indicator lights
 Outdoor wall installation
 85(W) x 90(H) x 25(D) mm
 Compatible with Golmar MIFARE Classic and MIFARE+ cards, key fobs and controllers
 Bluetooth activation via K-APP mobile application (requires BLE points)

**GM-IPOP-SQ40**

20720022

13,56MHz proximity reader and Bluetooth with 2SAFE protocol

Vandal-proof and waterproof housing

For iP-Opener and EASYGATE controllers

Status indicator light

Embedded installation in front panels

Dimensions: 40(W) x 40(H) x 2(D) mm

60(W) x 60(H) x 16(D) mm

Compatible with Golmar MIFARE Classic and MIFARE+ cards, key fobs and controllers

Bluetooth activation via K-APP mobile application (requires BLE points)

**GM-KR-IPOP**

20780215

Keypad for PIN code access with 2SAFE protocol

Vandal-proof and waterproof housing

For iP-Opener controllers

Status indicator light

Illuminated keypad with Braille marking

Installation via embedding box included

Embedded: 95(W) x 125(H) x 40(D) mm

External: 100(W) x 135(H) mm

**VIS-GM-KR-IPOP**

20700135

Keypad visor GM-KR-IPOP

**EL4500/2SAFE**

11814505

13,56MHz proximity reader and Bluetooth with 2SAFE protocol

For iP-Opener and EASYGATE controllers

Status indicator light

Installation in N3xx1/AL and NX3xx1 modules of Nexa panels

Compatible with Golmar MIFARE Classic and MIFARE+ cards, key fobs and controllers

Bluetooth activation via K-APP mobile application (requires BLE points)

**S3501/2SAFE**

12583505

13,56MHz proximity reader and Bluetooth with 2SAFE protocol

For iP-Opener and EASYGATE controllers

Status indicator light

Installation on Supra panels (1/2 height)

Compatible with Golmar MIFARE Classic and MIFARE+ cards, key fobs and controllers

Bluetooth activation via K-APP mobile application (requires BLE points)

**GM-WRIPOP**

20780209

868MHz radio frequency receiver with 2SAFE protocol

For iP-Opener controllers

IP67 protection rating

Outdoor wall installation

91(W) x 155(H) x 34(D) mm

Compatible with GM-WEIPOP and GM-WEIPOP MF+ controls

**ANT-WRIPOP**

20700100

Passive external antenna for GM-WRIPOP receiver

NEW

WCONTROL

Single door controller with Wi-Fi connectivity

tuya

LOCAL MODE

- ▷ Card/key fob acquisition mode
- ▷ Data transfer between controllers

TUYA APP

- ▷ Remote opening
- ▷ User management
- ▷ Creation of single-use and temporary access codes
- ▷ Alarm notification, call button, ...
- ▷ Event monitoring

WCONTROL

20730010

Non-expandable 1-access controller with WIEGAND protocol

Wi-Fi connectivity

Status indicator lights

Requires internet connection for use through the TUYA app

Compatible with KEYBUS SE and BLE-S readers

Local activation via readers or remote activation via TUYA app

Capacity for up to 1,000 (local programming) or 500 users (remote programming via TUYA app)

Relay output (NO, C, NC)

Requires 12Vdc power supply.

48(W) x 91(H) x 20(D) mm



KIT-KEYBUSW

20700150B

Access control kit with proximity reader and numeric keypad

20730010	WCONTROL controller for 1 access
20720001	Proximity reader with numeric keypad KEYBUS SE
10900012	HRF-12/1,25A power supply unit



KIT-BLESW

20700151B

Access control kit with proximity reader

20730010	WCONTROL controller for 1 access
20720003	BLE-S proximity reader
11812100	3 NFC/US cards
11812125	3 TAGNFC/US key fobs
10900012	HRF-12/1,25A power supply unit

WIEGAND 26 DEVICES

**BIO-N**

20720012

Stand-alone access control by fingerprint and proximity reader 125KHz
 Capacitive fingerprint sensor
 Wiegand 26 output for connection to iP-OPENER controller
 Light and acoustic indicator of operation
 Up to 899 user cards and 99 fingerprints
 Optional access control deactivation after entering 10 consecutive wrong fingerprints
 1 relay output (NO, C, NC) for door, with input for remote activation
 Programmable activation time (1 to 99 seconds) and output mode (pulse or steady)
 Tamper alarm
 Power supply by controller and 12 or 18VDC in stand-alone mode
 Compatible with PROKEY ID cards and TAGKEY ID key fobs
 IP66 protection rating
 Embedded installation through AP-1 box or wall mount installation through SBOX-PBL or SBOX-MT boxes
 Also available for Supra (page 62) and Nexa (page 79)
 86(W) x 86(H) x 25(D) mm

**CODEPROX-N**

20720011B

Stand-alone access control via keypad and proximity reader 125KHz
 Wiegand 26 output for connection to iP-OPENER controller (fingerprint management excluded)
 Light and acoustic indicator of operation
 Up to 990 users between codes and cards
 Optional deactivation of access control after entering 10 consecutive wrong codes
 1 relay output (NO, C, NC) for door, with input for remote activation
 Programmable activation time (1 to 99 seconds) and output mode (pulse or steady)
 Tamper alarm
 Power supply by controller and 12 or 18VDC in stand-alone mode
 Compatible with PROKEY ID cards and TAGKEY ID key fobs
 IP66 protection rating
 Embedded installation through AP-1 box or wall installation through SBOX-PBL or SBOX-MT boxes
 Also available for Supra (page 62) and Nexa (page 79)
 86(W) x 86(H) x 25(D) mm

**SBOX-PBL**

20700021

Plastic surface box
 For BIO-N and CODEPROX-N access controls
 88(W) x 88(H) x 30(D) mm

**SBOX-MT**

20700022

Metal surface box
 For BIO-N and CODEPROX-N access controls
 88(W) x 88(H) x 30(D) mm

**AP-1**

20363401

Embedding box
 For BIO-N and CODEPROX-N access controls
 81(W) x 81(H) x 60(D) mm

WIEGAND 26 DEVICES

**KEYBUS SE**

20720001

Stand-alone access control via keypad and dual proximity reader (125KHz and 13,56MHz)

Wiegand 26 output for connection to iP-OPENER and WCONTROL controllers

Light and acoustic indicator of operation

Up to 2,000 users

Optional access control lockout after entering 10 consecutive wrong codes or bad cards

1 relay output (NO, C, NC) for door, with input for remote activation

Programmable activation time (1 to 99 seconds)

Tamper alarm

Controller power supply and 12 to 24VDC in stand-alone mode

Compatible with Golmar 13,56MHz and 125KHz cards, keyfobs and keyfobs

IP68 protection rating

Outdoor wall installation

83(W) x 170(H) x 26(D) mm

**BLE-S**

20720003

Access control by dual proximity reader (125KHz and 13,56MHz)

Wiegand 26 output for connection to iP-OPENER and WCONTROL controllers

Light and acoustic indicator of operation

Powered by controller

Compatible with Golmar 13,56MHz and 125KHz cards, keyfobs and remotes

IP65 protection rating

Outdoor wall installation

48(W) x 100(H) x 23(D) mm

**BKEY SE**

20720021

Stand-alone access control by fingerprint and keypad

Optical fingerprint sensor

Wiegand 26 output for connection to iP-OPENER controller (fingerprint management excluded)

Light and acoustic indicator of operation

Up to 1.000 users per fingerprint and 1.000 per code

Optional access control deactivation after entering 10 consecutive wrong fingerprints

1 relay output (NO, C, NC) for door, with input for remote activation

Programmable activation time (1 to 99 seconds) and output mode (pulse or steady)

Tamper alarm

Power supply by controller and 12Vdc in stand-alone mode

IP66 protection rating

Outdoor wall installation

58(W) x 137(H) x 26(D) mm



AIO-KEY

20720014

Stand-alone access control via keypad, fingerprint and dual proximity reader (125KHz and 13,56MHz)

Wi-Fi connectivity for remote activation via TUYA app (standalone mode only)

Wiegand 26 output for connection to iP-OPENER controller (fingerprint management excluded)

Light and acoustic indicator of operation

Up to 100 users per fingerprint, 888 per code or 500 with TUYA app

Optional access control lockout after entering 10 consecutive wrong codes or bad cards

1 relay output (NO, C, NC) for door, with input for remote activation

Programmable activation time (1 to 99 seconds)

Tamper alarm

Controller powered and 12 to 18Vdc in standalone mode

Compatible with Golmar 13,56MHz and 125KHz cards, keyfobs and remotes

IP66 protection rating

Outdoor wall installation

44(W) x 148(H) x 22(D) mm



GM-QRX3

20720051

Stand-alone access control by keypad, QR code and 13,56MHz proximity reader

Wiegand 26 output for connection to iP-OPENER controller

Light and acoustic indicator of operation

Power supply by controller and 12Vdc in stand-alone mode

Compatible with Golmar 13,56MHz cards, key fobs and remotes

IP66 protection rating

Outdoor wall installation

73(W) x 120(H) x 19(D) mm



GM-QRX2

20720050

Stand-alone access control using QR code and 13,56MHz proximity reader

Wiegand 26 output for connection to iP-OPENER controller

Light and acoustic indicator of operation

Power supply by controller and 12Vdc in stand-alone mode

Compatible with Golmar 13,56MHz cards, key fobs and remotes

Indoor wall installation

86(W) x 86(H) x 10(D) mm



CODEPROX-WL

20720015

Radio access control via keypad and proximity reader 13,56MHz

Receiver with Wiegand 26 output for connection to iP-OPENER controllers

20 m range in open field

Light and acoustic indicator of operation

Powered by controller (receiver) and 3 AAA batteries (transmitter, not included)

Compatible with Golmar cards, key fobs and 13,56MHz remotes

IP65 protection rating (transmitter)

Outdoor wall installation

55(W) x 134(H) x 20(D) mm

STAND-ALONE DEVICES



KEYPAD/P 20740429
KEYPAD/Z 20740428

- Stand-alone access control via numeric keypad
- IK10 vandal-resistant housing (Z model)
- LED and acoustic operation indicators
- Up to 100 user codes
- 2 relay outputs (NO, C, NC), with 1 input for remote activation
- Programmable activation time (1 to 99 seconds) and output mode (pulse or steady)
- 12/24VAC or DC power supply.
- IP65 protection rating
- Outdoor wall installation
- 83(W) x 120(H) x 36(D) mm



PROXEM 20720009

- Stand-alone access control by proximity reader 125KHz
- Light and acoustic indicator of operation
- Up to 2,000 users
- Optional deactivation of access control after entering 10 consecutive wrong codes
- 1 relay output (NO, C, NC) for door, with input for remote activation
- Programmable activation time (1 to 99 seconds) and output mode (pulse or steady)
- Power supply from 9 to 18Vdc.
- Compatible with PROKEY ID cards and TAGKEY ID key fobs
- IP66 protection rating
- Outdoor wall installation
- 48(W) x 103(H) x 19(D) mm



STAND-ALONE RADIO DEVICES

**TRO**

20760308

1-channel expansion card
For REC and WAVE 500-2 receivers

**ACT**

20769030

Coverage extension antenna
For REC and WAVE 500-2 receivers

EMITTER CONTROLS

**GM-WEIPOP**

20780210

GM-WEIPOP MF+

20710025

4-channel transmitter at 868MHz
Proximity 13,56MHz MIFARE+ (MF+ model)
Push buttons with Braille marking and push button indicator lamp
Compatible with GM-WRIPOP receiver and 2SAFE protocol readers
Range up to 100 m in open field
Powered by CR2032 battery (included)
38(W) x 77(H) x 11(D) mm

Discover the latest version of our GM-WEIPOP MF+ transmitter with 13.56MHz RF and proximity technology, further enhancing the security and reliability of access control systems.

The main upgrade is its **MIFARE+ encryption**, which integrates the robust Crypto-1.AES 128, providing a **higher level of security against threats and unauthorized access.**

Like its previous version, it remains compatible with GM-WRIPOP RF receivers and readers with 2SAFE technology.

PROXIMITY CARDS AND KEY FOBs

**ISOPROX**

20750500

13,56MHz proximity card
MIFARE Classic technology
Without customization
Unit of sale: 6

**CARDDOOR MF+**

20710009

13,56MHz proximity card
MIFARE+ Technology
AES128 encryption with 2SAFE protocol
Unit of sale: 10

**ISOPROX-PER BN/1C**

20710002

13,56MHz proximity card
MIFARE Classic technology
Black and white personalization on one side
Sales unit: 100

**TAGDOOR MF+**

20780208

TAGDOOR MF+ BLUE

20710011

TAGDOOR MF+ RED

20710012

TAGDOOR MF+ GREEN

20710013

TAGDOOR MF+ ORANGE

20710014

TAGDOOR MF+ YELLOW

20710015

TAGDOOR MF+ WHITE

20710020

Proximity key fob 13,56MHz
MIFARE+ Technology
AES128 encryption with 2SAFE protocol
35(W) x 48(H) x 7(D) mm
Sales unit: 20

**ISOPROX-PER BN/2C**

20710004

13,56MHz proximity card
MIFARE Classic technology
Personalization in black and white on two sides
Sales unit: 100

**ISOPROX-PER COL/1C**

20710003

13,56MHz proximity card
MIFARE Classic technology
One-sided color personalization
Sales unit: 100

**TAGDOOR-4K-EV**

20710010

Proximity key fob 13,56MHz
MIFARE+ Technology
AES128 encryption with 2SAFE protocol
Allows up to 100 events to be stored in
EASYGATE controller
35(W) x 48(H) x 7(D) mm
Sales unit: 20

**ISOPROX-PER COL/2C**

20710005

13,56MHz proximity card
MIFARE Classic technology
Two-sided color personalization
Sales unit: 100

**KEYPROX SE**

20710016

Proximity key fob 13,56MHz
MIFARE Classic technology
35(W) x 48(H) x 7(D) mm
Sales unit: 20

**PULDOOR MF+**

20710001

13,56MHz proximity bracelet
MIFARE+ Technology
AES128 encryption with 2SAFE protocol
Special for sports activities
Sales unit: 100



PUNTOS BLE 20710510

Points for use of BLE function in iP-OPENER controllers
Allows access via smartphone
Requires K-APP App (available on Android and iOS)
Unit of sale: 50



NFC/US 11812100

13,56MHz proximity card
Customised with Golmar logo



TAGNFC/US 11812125

Proximity key fob 13,56MHz
Customised with Golmar logo
32(W) x 40(H) x 4(D) mm



PROKEY ID 20710008

125KHz proximity card
Customised with Golmar logo



TAGKEY ID 20710007

Proximity key fob 125KHz
Customised with Golmar logo
32(W) x 40(H) x 4(D) mm



NEOKEY 20760401

Proximity key fob 125KHz
Only for CITYPROX-7M reader
36(W) x 47(H) x 11(D) mm

CARD AND KEY FOB PROGRAMMERS



GM-USBIPOP 20780206

Card and key fob programmer
Connection to computer via USB port
Compatible with Golmar MIFARE Classic and MIFARE+ cards, key fobs and remotes
118(W) x 135(H) x 34(D) mm



GM-USB-125 20700130

Card and key fob programmer
Connection to computer via USB port
Compatible with PROKEY ID and TAGKEY ID cards and key fobs
97(W) x 63(H) x 14(D) mm

POWER SUPPLIES



TF-104 20691040

12VAC transformer
230VAC / 18VA power supply
52(W) x 90(H) x 60(D) mm (3 DIN)



HRF-12/1,25A 10900012

12VDC/1.25A power supply unit
Power supply between 85 and 264VAC.
18(W) x 90(H) x 60(D) mm (1 DIN)



PSU-121B 31690146

12VDC/1.3A power supply unit
Power supply between 88 and 264VAC.
51(W) x 28(H) x 63(D) mm



12VAC-DC-CONV 20700037

12VAC to 12VDC converter.
Input voltage between 10 and 28VAC.
Output voltage 12VDC/2A
46(W) x 32(H) x 19(D) mm

UHF IDENTIFICATION

**GM-UHF-LR**

20720041

Long range UHF antenna (902 - 928MHz)
 Wiegand 26 output for connection to iP-
 OPENER controllers
 Stable reading distance between 7 and 9 m
 Includes 12Vdc local power supply.
 IP65 protection rating
 Includes clamp and screws for pole mounting
 445(W) x 445(H) x 40(D) mm

**GM-UHF-WINDSHIELD**

20710043

Plastic UHF windshield label
 111(W) x 45(H) mm
 Unit of sale: 10

**GM-UHF-CARD**

20710040

UHF Card

**GM-UHF-PULDOOR**

20710044

UHF wristband
 Unit of sale: 10

**GM-UHF-LABEL**

20710041

UHF Plastic Tag
 74(W) x 22(H) mm
 Unit of sale: 10

**GM-USB-UHF**

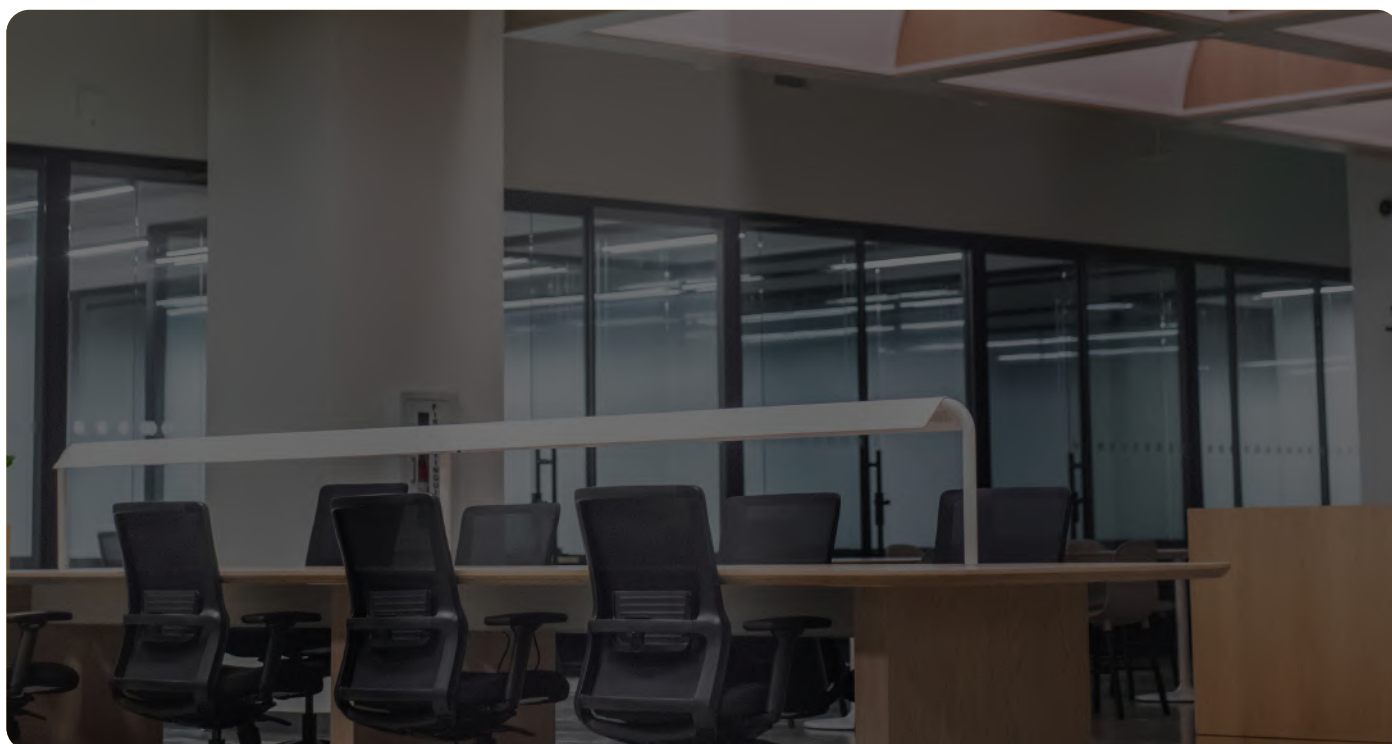
20700101

UHF programmer / credential reader
 Connection to computer via USB port
 107(W) x 107(H) x 23(D) mm

**GM-UHF-LAUNDRY**

20710042

UHF plastic garment tag
 74(W) x 15(H) mm
 Unit of sale: 50

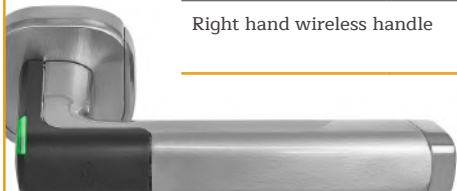


WIRELESS HANDLES

H100B8R-EU

20700044

Right hand wireless handle

**H100B8L-EU**

20700043

Left hand wireless handle



Wireless handles with 13,56MHz proximity reader
 IEEE 802.15.4 (2.4 GHz) radio standard with Aperio protocol and AES128 encryption
 Requires AH30 HUB hub
 Operation indicator light
 Powered by CR123A battery (included), with a life of 30 openings per day for 4 years
 Installation on wooden, steel and tubular interior doors with European (DIN) locks, as well as glass doors
 For door leaves from 35 to 80 mm thick with 7 or 8 mm shafts
 EN 1634 certified for fire doors
 Compatible with Golmar MIFARE Classic and MIFARE+ cards, key fobs and remotes

**HUB AH30**

20700040

Concentrator for up to 64 wireless handles with Aperio protocol
 Distance between handle and concentrator up to 25 m (82 ft)
 Connection to iP-OPENER controllers via RS485
 Indoor installation via universal embedding box (not included)
 82(W) x 82(H) x 37(D) mm

**500ZB-RD-USB**

20700042

USB adapter
 For pairing Aperio devices

**APERIO-IPOP**

20710517

License to use Aperio on iP-OPENER controllers
 Requires one license per controller

**500ZB-EXTANT**

20700041

Coverage extension antenna
 For HUB AH30 hub

PUSH BUTTONS AND SWITCHES

**DUALB-N**

20700125

Dual output push button (mechanical or proximity push)
Adjustable reading range from 3 to 20 cm
Indicator light
1 relay output (NO, C, NC)
12 to 24Vdc power supply in stand-alone mode
Indoor wall installation by means of PB-SBOX-SN surface box
40(W) x 115(H) x 33(D) mm

**TLB-SQ-SS**

20700027

Proximity exit push button
Stainless steel AISI304
Adjustable reading range from 5 to 15 cm
Indicator light
1 relay output (NO, C, NC)
12 to 24Vdc power supply in stand-alone mode
IP68 protection rating
Outdoor wall installation by means of surface box PB-SBOX-SQ
86(W) x 86(H) x 25(D) mm

**TLB-N**

20700005

Proximity exit push button
Adjustable reading range from 5 to 15 cm
Indicator light
1 relay output (NO, C, NC)
12 to 24Vdc power supply in stand-alone mode
Indoor wall installation by surface box PB-SBOX-N
70(W) x 115(H) x 24(D) mm

**PB-N**

20700003

Mechanical exit push button
Output contact NO, C
Installation on internal metal profiles
28(W) x 91(H) x 25(D) mm

**TLB-SQ**

20700006

Proximity exit push button
Adjustable reading range from 5 to 15 cm
Indicator light
1 relay output (NO, C, NC)
12 to 24Vdc power supply in stand-alone mode
Indoor wall installation by means of surface box PB-SBOX-SQ
86(W) x 86(H) x 24(D) mm

**PB-SQ**

20700004

Mechanical exit push button
Output contact NO, C
Indoor wall installation by means of surface box PB-SBOX-SQ
86(W) x 86(H) x 25(D) mm

**PB-N-SS**

20700026

Mechanical exit push button
Stainless steel AISI304
Output contact NO, C
Indoor wall installation by means of PB-SBOX-SN surface box
40(W) x 115(H) x 25(D) mm

**TLB-N-SS**

20700028

Proximity exit push button
Stainless steel AISI304
Adjustable reading range from 5 to 15 cm
Indicator light
1 relay output (NO, C, NC)
12 to 24Vdc power supply in stand-alone mode
IP68 protection rating
Outdoor wall-mounted installation using PB-SBOX-N surface-mounted box
70(W) x 115(H) x 24(D) mm

**PB-SQ-SS**

20700025

Mechanical exit push button
Stainless steel AISI304
Output contact NO, C
Indoor wall installation by means of surface box PB-SBOX-SQ
86(W) x 86(H) x 25(D) mm


PB-SETA-N 20700030

Mushroom-type mechanical exit push button
Stainless steel AISI304
Output contact NO, C, NC
Indoor wall installation by surface box PB-SBOX-N
70(W) x 115(H) x 25(D) mm


KS-SQ 20700010

Mechanical key switch
Including 2 keys
Output contact NO, C, NC
Indoor wall installation by means of surface box PB-SBOX-SQ
86(W) x 86(H) x 30(D) mm


PB-SETA-SQ 20700029

Mushroom-type mechanical exit push button
Stainless steel AISI304
Output contact NO, C, NC
Indoor wall installation by means of surface box PB-SBOX-SQ
86(W) x 86(H) x 25(D) mm


PB-SBOX-SN 20700032

Metal surface-mounted box for exit push button
45(W) x 115(H) x 28(D) mm


PB-SBOX-SQ 20700034

Metal surface-mounted box for exit push button
86(W) x 86(H) x 28(D) mm


PB-SBOX-N 20700033

Metal surface-mounted box for exit push button
70(W) x 115(H) x 28(D) mm


GM-PEV-EM-SE 20700031

Mechanical evacuation push button with interlocking device
Key-operated reset
Trip indication pop-up tab
Output contact NO, C, NC
Indoor wall installation
92(W) x 97(H) x 59(D) mm


HES-125 20700007

HES-1356 20700008

Proximity card switch
Compatible with Golmar 125KHz (HES-125) and 13,56MHz (HES-1356) cards
Switching at 230VAC.
Indoor flush-mount installation via universal box (not included)
86(W) x 86(H) x 35(D) mm

