

FAAC

Access control
and traffic bollards

Mag100

MAGNETIC READERS



The MAG100 magnetic card reader can be used to realize both pedestrian and vehicle access control systems.



Model	Description	Item code	Price (euro)
Mag100	Swipe magnetic card reader	403118	

Electronic control board

VIPER 400 / COBRA

Specific accessories	Item code	Price (euro)
MAG aluminium column	401037	
Foundation plate for columns	737630	

Cards	Item code	Price (euro)
FAAC Controls magnetic card, numbered and coded (minimum q.ty 10 pcs.)	786320	

TECHNICAL SPECIFICATIONS	MAG100
Enclosure	In metal
Power supply voltage	12 Vdc (from the control board)
Type of magnetic reader	Swipe
Format	ISO STANDARD track 2
Reading of magnetic strip	100% of track
Electrical connections	Multipolar cable 5 x 0.5 mm
Max. distance between reader and control unit	100 metres
Operating ambient temperature	- 10° C to + 55° C
Installation	Wall-mounted or column-mounted
Heater	Not present
LED indications	Dual colour multifunction LED
Buzzer	Can be turned off
Dimensions	125 x 56 x 45 mm (L x H x D)

Use

Vehicle or pedestrian access control systems, indoors and outdoors.

PROXIMITY READERS



The TAG 10 passive transponder proximity reader can be used to build high-security access control systems. With its distance detection, it offers greater ease of use and, since it is completely free from moving mechanical parts, it is practically maintenance-free.



Model	Description	Item code	Price (euro)
Tag 10	Proximity reader for passive transponder	403107	

Electronic control board

VIPER 400 (see page 233) / COBRA (see page 240)

Specific accessories	Item code	Price (euro)
Aluminium column	401034	
Foundation plate for column	737630	

Cards	Item code	Price (euro)
FAAC Controls proximity card, numbered, no magnetic strip (min. 10 pcs)	786334	
Keyring transponder (min. 10 pcs)	786323	

TECHNICAL SPECIFICATIONS	TAG 10
Enclosure	Plastic
Power supply voltage	12 Vdc (from the control board)
Reading distance	~10 cm
Protection class	IP 54
Electrical connections	Multipolar cable 5x0.5 mm
Max. distance between reader and control unit	100 metres
Operating ambient temperature	-10°C to +55°C
two-colour multifunction LED	YES
Buzzer	YES (can be turned off)
Installation	Wall-mounted or column-mounted
Dimensions	70 x 95 x 44 mm (L x H x D)

Use

TAG 10 Vehicle or pedestrian access control systems, indoors and outdoors.

READERS FOR PEDESTRIAN AND VEHICLE GATES



The Resist line of readers for pedestrian and vehicle gates has a very robust anti-vandal structure with a front panel in fibre glass.



Resist-T



Resist-PS



Resist-TPS

Model	Description	Item code	Price (euro)
Resist-T	Keypad for access authorisation by entering a code	403124	
Resist-PS	Passive proximity reader	403125	
Resist-TPS	Passive proximity reader with keypad for access authorisation by entering a code	403126	

Electronic control board

VIPER 400 / COBRA

Specific accessories

	Item code	Price (euro)
Resist-COL Column in galvanised steel, painted black	401061	
Cards		
FAAC Controls proximity card, numbered, no magnetic strip (<i>min. 10 pcs</i>)	786334	
Keyring transponder (<i>min. 10 pcs</i>)	786323	

TECHNICAL SPECIFICATIONS	RESIST-T	RESIST-PS	RESIST-TPS
Type of reader	Keypad, 12 buttons	Passive proximity	Proximity and keypad
Reading distance	--	Max. 5 cm	Max. 5 cm
TAG reading (125 KHz)	--	TAG Card / Keyring	TAG Card / Keyring
Structure		Die-cast aluminium	
Dimensions (mm)		H100xL100xD42	
Front panel	Fibre glass with polycarbonate layer		
Protection class	IP 55		
Buttons	Mechanical buttons in stainless steel	No button	Mechanical buttons in stainless steel
Indication LED	Dual-colour, 3 mm		
Buzzer	Can be turned off		
Power supply	From the control board		
Absorption	Max. 60 mA	Max. 100 mA	Max. 160 mA
Operating ambient temperature	-10°C to +55°C		
Installation	Wall-mounted or column-mounted		
Electrical connections	5 x 0.5 mm cable, with screen (max. 100 m)		

TECHNICAL SPECIFICATIONS RESIST- COL

Structure - galvanised steel

Painting - black powder

Dimensions - 1100x100x100 mm

Use: vehicle or pedestrian access control systems, indoors and outdoors

INTERFACE FOR RADIO CONTROL 433 SLH DECODER TTR



The DECODER TTR interface can be used to realize access control systems with the FAAC 433 SLH / 868 SLH radio control. This system is perfect for vehicle systems, because the driver can control the access opening remotely while remaining comfortably seated in the car.



Decoder TTR



Plus 1 433 / Plus 1 868



XT4 433 SLH



XT4 868 SLH

Model	Description	Item code	Price (euro)
Decoder TTR	Interface for programmable transmitters 433 SLH / 868 SLH	785539	

TECHNICAL SPECIFICATIONS

	PLUS 1		XT2		XT4	
Version	433 SLH	868 SLH	433 SLH	868 SLH	433 SLH	868 SLH
Frequency of use	433.92 SLH	868.35 MHz	433.92 SLH	868.35 MHz	433.92 SLH	868.35 MHz
Power supply voltage	20 to 30 Vdc 24 Vac ± 10%		Battery 12 V			
Reading distance	/		~50 m			
Protection class	IP 44		/			
Transmission channels	/		2		4	
Codes available	/		72 million billion			
Operating ambient temperature	-20°C to +55°C		-10°C to +55°C			
Compatibility	with VIPER 400 / COBRA 5000 board					

Model	Description	Item code	Price (euro)
PLUS 1 433 SLH	Multi-channel receiver	787826	
PLUS 1 868 SLH	Multi-channel receiver	787827	
XT2 433 SLH	2-channel transmitter	787003	
XT4 433 SLH	4-channel transmitter	787004	
XT2 868 SLH	2-channel transmitter	787005	
XT4 868 SLH	4-channel transmitter	787006	

Use: vehicle or pedestrian access control systems, indoors and outdoors.
Electronic control board VIPER 400.

MIXER BOARD

Model	Description	Item code	Price (euro)
MIXER board	Interface for combining two readers of different technologies	790910	

CHARACTERISTICS

The MIXER board allows you to combine two readers on the same input, even if they use different technologies, on the VIPER 400 / COBRA board.

This allows pedestrian or vehicle access control systems with a double reader on entry and a double reader on exit (e.g. magnetic and DECODER TTR or magnetic and transponder, etc.) managed by the control board.

The MIXER board is supplied with a mounting for a DIN bar and is therefore compatible with enclosure models E - L - LM.

READERS FOR PEDESTRIAN AND VEHICLE GATES



The range of MINITIME keypads and readers is ideal for access control systems both for pedestrians, indoors in prestige locations, and for vehicles outdoors.



Model	Description	Item code	Price (euro)
Minitime-T	Keypad for access authorisation by entering a code	403159	
Minitime-PS	Passive proximity reader	403161	
Minitime-TPS	Passive proximity reader with keypad for access authorisation by entering a code	403160	

Electronic control board

VIPER 400 / COBRA.

Specific accessories

	Item code	Price (euro)
MINITIME aluminium column	401041	
Foundation plate for columns	737630	
Cards		
FAAC Controls proximity card, numbered, no magnetic strip (<i>min. 10 pcs</i>)	786334	
Keyring transponder (<i>min. 10 pcs</i>)	786323	

To obtain personalised cards contact the FAAC S.p.A. export department.

TECHNICAL SPECIFICATIONS	MINITIME - T	MINITIME - TPS	MINITIME - PS
Keypad, 12 buttons	yes	yes	no
Type of reader	no		Passive proximity
TAG reading distance	no		Max. 5 cm
TAG format	no		Card / keyring at 125 KHz
Operating principle	connected with VIPER 400 or COBRA 5000		
Signalling	Dual colour multifunction led		
Front panel	Stainless steel with polycarbonate layer		
Buzzer	Incorporated		
Installation	Wall-mounted or column-mounted		
Connections to control unit	Multipolar cable 5 x 0.5 mm, screened		
Distance from reader to control unit	100 MT		
Type of enclosure	ABS with painted cover, dimensions H 175 L 60 D 45 MM		
Operating ambient temperature	-10°C to +55°C		
Power supply	Directly from the control board COBRA 5000 and VIPER 400		

Use: vehicle or pedestrian access control systems, indoors and outdoors.

CONTROL BOARD VIPER 400



The autonomous VIPER 400 control board is designed for stand-alone access control systems (it does not require a personal computer). It is ideal for all situations requiring a simple but secure system.



Model	Item code	Price (euro)
Viper 400	790909	
Enclosure for VIPER 400 electronic board		
	Item code	Price (euro)
Enclosure mod. E	720119	
Enclosure mod. L	720118	
Enclosure mod. LM	720309	
Specific accessories		
	Item code	Price (euro)
Power supply for VIPER 400 board	407030	
MINISERVICE power supply (necessary for managing electric locks at 12 Vac (*))	790904	
Accessories for installing MINISERVICE in enclosures L - LM	390624	
Memory for saving data held in the VIPER 400 board	799348	

TECHNICAL SPECIFICATIONS VIPER 400

Up to 2 readers can be connected - MAG, TAG transponder, or RESIST - or 433/868 SLH transmitters using the DECODER TTR
 Memory capacity up to 400 users
 Programmable control of a single gate or two gates:
single gate: entry reader/button to exit; entry reader/exit reader; possibility of door status management with alarm activation
two gates: reader on entry A; reader on entry B (on gate A an exit button can be installed and also a door status management with alarm activation)
 Can add access password to configuration and programming
 1 3-digit display for programming and displaying card status
 5 programming buttons

Programs available:

Card management (saving, deleting, changing)
 Operational settings (manage one gate, manage two gates etc.)
 Time settings
 Activation of exits
 Export/import archives

The additional memory, optionally available, can be used to export/import the "card data" from one board to another, or to make backup copies
 Power supply 12 to 24 Vac/Vdc
 Compatible with enclosure models E - L - LM.

Notes

(*) When the Miniservice power supply is used to activate an electric lock (12 V ac) the power for the VIPER board can be taken from the Miniservice (24 V dc). In this case the VIPER 400 power supply is not required.
 Obviously not all electric locks are compatible with the Miniservice.

TAG10 SA

STAND-ALONE PROXIMITY READER



The TAG-10-SA is an access control device that can archive access cards and command the opening of a door, control the status (open/closed) and sound an alarm in the event of unauthorised opening. It works totally autonomously ("SA" means Stand Alone) with no external management board or computer for programming and downloading data. The electronic control unit comprises two interconnected boards:

- The CPU board, which contains the terminals, buzzer, relays and interface for the passive reader
- The keypad board with the buttons, the LED indicators and the antenna for passive proximity reading.

The TAG-10-SA (reader A, master) can connect with a standard TAG-10, currently available (reader B, slave).

This configuration can manage an area with two entry/exit gates, controllable with Anti-Pass-Back. Configuring the reader and acquiring the cards is done using the cards programming kit.

The additional memory, optionally available, can be used to export/import the card list from one TAG-10-SA to a similar product.



Model	Description	Item code	Price (euro)
TAG10 SA	Stand-alone proximity reader	403137	
Specific accessories			
		Item code	Price (euro)
	SA CARDS KIT - Programming cards	428198	
	Aluminium column	401034	
	Foundation plate for column	737630	
	Memory for saving data	799348	
Cards			
		Item code	Price (euro)
	FAAC Controls proximity card, numbered, no magnetic strip (<i>min. 10 pcs</i>)	786334	
	Keyring transponder (<i>min. 10 pcs</i>)	786323	

TECHNICAL SPECIFICATIONS

TAG10 SA

Type of device	Proximity reader
Control board	Integrated
Reading distance	Max. 10 cm
TAGs handled	Cards/Keyrings
External structure	Plastic
Dimensions (mm)	H95 x L70 x D44
Front panel	Plastic
Protection class	IP 54
LED indications	a) Programming - b) Reading OK
Buzzer	Card recognised, error status
Input	1 door status input - door opening input (button) -
Output	2 relay outputs - 1 open collector output (alarm)
Number of users	500 cards
Control of one door	1 TAG-10-SA - master - 1 TAG-10 - slave
Control of two doors	1 TAG-10-SA (A) - master
Door A	1 TAG-10 (B) - slave
Door B	1 door alarm (A) - 1 door input (A)
Configuration	Cards kit
Power supply	12/24 Vdc - 12/21 Vac
Absorption	Max. 180 mA
Operating ambient temperature	-10°C to +55°C
Fixing	Wall-mounted or column-mounted
Master-slave connection cable	5 x 0.5 mm, screened (max. 100 m)

Resist SA

Stand-alone readers / keypads



RESIST-SA is an access control device that can archive codes or cards and command the opening of a door, control the status (open/closed) and sound an alarm in the event of unauthorised opening. It works totally autonomously ("SA" means Stand Alone) with no external management board or computer for programming and downloading data. The electronic control unit comprises two interconnected boards:

- The CPU board, which contains the terminals, buzzer, relays and interface for the passive reader
- The keypad board with the buttons, the LED indicators and the antenna for the passive proximity reader.

RESIST-SA (reader A, master) can connect with a standard RESIST, currently available (reader B, slave).

This configuration can manage an area with two gates, one entry

and one exit, controllable with Anti-Pass-Back.

Configuring the reader and acquiring the codes or cards can be done via the keypad or using the kit for card programming.

The additional memory, optionally available, can be used to export/import the list of cards or codes from a Resist-SA to a similar product.



Resist PS SA



Resist T SA



Resist TPS SA

Model	Description	Item code	Price (euro)
Resist PS SA	Stand-alone proximity reader	403138	
Resist T SA	Stand-alone keypad	403140	
Resist TPS SA	Reader + stand-alone	403139	

Specific accessories	Item code	Price (euro)
SA CARDS KIT - Programming cards	428198	
Resist-COL column in galvanised steel, painted black	401061	
Memory for saving data	799348	
Cards		
FAAC Controls proximity card, numbered, no magnetic strip (min. 10 pcs)	786334	
Keyring transponder (min. 10 pcs)	786323	

TECHNICAL SPECIFICATIONS	RESIST-T-SA	RESIST-PS-SA	RESIST-TPS
Type of device	Keypad	Proximity reader	Keypad with proximity reader
Control board		Integrated	
Reading distance	-	Max. 5 cm	Max. 5 cm
TAGs handled	-	Cards/Keyrings	Cards/Keyrings
External structure		Die-cast aluminium	
Dimensions (mm)		H100 x L100 x D42	
Front panel		Fibre glass with polycarbonate layer	
Protection class		IP 55	
Type of keypad (12 buttons in steel)	(0-9), Enter, Space	-	(0-9), Enter, Space
LED indications		a) Programming - b) Reading OK	
Buzzer	Code recognised, error status	Card recognised, error status	Card/code recognised, error status
Input		1 door status input - door opening input (button)	
Output		2 relay outputs - 1 open collector output (alarm)	500 codes or cards
Number of users	500 PIN codes	500 cards	1 Resist-TPS-SA -1 Resist-TPS
Control of one door	1 Resist-T-SA -1 Resist-T	1 Resist-PS-SA - 1 Resist-PS	1 Resist-TPS-SA (A)
Control of two doors	1 Resist-T-SA (A)	1 Resist-PS-SA (A)	1 Resist-TPS-SA (A)
Reader A	1 Resist-T (B)	1 Resist-PS (B)	1 Resist-TPS (B)
Reader B	1 door alarm (A)- 1 door input (A)	1 door alarm (A) - 1 door input (A)	1 door alarm (A) - 1 door input (A)
Configuration	Keypad	Cards kit	Keypad, cards kit
Power supply		12/24 Vdc - 12/21 Vac	
Absorption		Max. 180 mA	
Operating ambient temperature		-10°C to +55°C	
Fixing		Wall-mounted or column-mounted	
Master-slave connection cable		5 x 0.5 mm, screened (max. 100 m)	

Stand-alone readers / keypads



MINITIME-SA is an access control device that can archive cards and command the opening of a door, control the status (open/closed) and sound an alarm in the event of unauthorised opening. It works totally autonomously ("SA" means Stand Alone) with no external management board or computer for programming and downloading data. The electronic control unit comprises two interconnected boards:

- The CPU board, which contains the terminals, buzzer, relays and interface for the passive reader
 - The keypad board with the buttons, the LED indicators and the antenna for passive proximity reading.
- MINITIME-SA (reader A, master) can connect with a standard MINITIME currently available (reader B, slave).

This configuration can manage an area with two gates, one entry and one exit, controllable with Anti-Pass-Back.

Configuring the reader and acquiring the Codes or Cards can be done via the keypad or using the kit for card programming.

The additional memory, optionally available, can be used to export/import the list of cards or codes from a MINITIME-SA to a similar product.



Model	Description	Item code	Price (euro)
Minitime PS SA	Stand-alone proximity reader	403164	
Minitime T SA	Stand-alone keypad	403162	
Minitime TPS SA	Reader + stand-alone	403163	

Specific accessories	Item code	Price (euro)
SA CARDS KIT - Programming cards	428198	
Minitime aluminium column	401041	
Foundation plate for column	737630	
Memory for saving data	799348	
Cards		
FAAC Controls proximity card, numbered, no magnetic strip (<i>min. 10 pcs</i>)	786334	
Keyring transponder (<i>min. 10 pcs</i>)	786323	

TECHNICAL SPECIFICATIONS	MINITIME-T-SA	MINITIME-TPS-SA	MINITIME-PS-SA
Keypad, 12 buttons	yes	yes	no
Type of reader	no	Passive proximity	
TAG reading distance	no	Max. 5 cm	
Operating principle	stand-alone		
Programming	Via keypad and 3 LEDs		Via cards
Special functions	Saving and deleting of cards, operational settings and exit activation times anti-passback management Import/export card archive on additional memory		
Connection of external readers	1 standard reader without keypad or display		
Inputs	2 inputs for button and door status		
Outputs	2 relay outputs for door-opening, 1 open-collector output for alarm		
Inputs	1 door status input – 1 door opening input (push-button)		
Outputs	2 relay outputs – 1 open collector output (alarm)		
Number of users	500 More codes	500 cards	500 codes or cards
Single gate management	entry reader / exit button, entry reader / exit reader, door management with alarm activation		
Double gate management	entry reader, exit reader alarm activation		
Type of enclosure	ABS with painted cover, dimensions H175 L60 D45 mm		
Operating ambient temperature	10° + 55° C		
Power supply	12 - 24 Vdc 12 -24 Vac, max. absorption 200 MA		

TIME PEDESTRIAN ACCESS CONTROL READERS



The TIME range of readers with keypad and display are especially suitable for pedestrian access control and for detecting presence. With their enclosure in ABS, they're ideal for outdoor installations as well. The readers must be connected to a COBRA control unit.



Time M



Time T

Model	Description	Item code	Price (euro)
Time M	Magnetic reader with keypad and display	403149	
Time T	Passive proximity reader with keypad and display	403150	

Electronic control board: Cobra management unit.

Use: high-security pedestrian access control systems, indoors and outdoors.

TECHNICAL SPECIFICATIONS	TIME M	TIME T
Type of reader	Standard ISO-2 magnetic swipe reader	Passive proximity reader
Type of cards used	ISO-2 magnetic cards	Proximity cards and TAG keyrings at 125 kHz
Reading distance	on contact	Max. 10 cm
Reading of magnetic strip	100% of track	-
Keypad	Standard 12 keys, 0-9 E C, 5 function keys, 4 scroll keys, OK	
Display	16x2 characters, backlit	
Installation of reader	Wall-mounted	
Enclosure	In ABS	
COBRA installation	External to reader, at max. distance of 40 m	
Electrical connections	Multipolar cable 9 x 0.5 mm ² , screened	
Power supply	From the Cobra control unit	
Operating ambient temperature	-10°C to +55°C	
Dimensions	H 170 x L110 x D70 mm	

Applications/Functions - the keypad can be used to enter:

- Codes associated with the card used (double security)
- system activation code
- justification codes
- activation / deactivation codes for other systems (e.g. alarm system etc.)

The information display shows:

- Calendar with date and time
- Messages about the tickets/cards used (card valid, card invalid, outside permitted times, etc.)
- Messages about the codes entered
- Information messages sent by a central computer

SPECIAL VERSIONS

Model	Description	Item code	Price (euro)
Time M T	Magnetic and passive proximity reader with keypad and display	403144	

PASSIVE CARDS AND TRANSPONDERS



Magnetic cards and proximity cards in STANDARD ISO format (credit card size, 86x54x0.78 mm) are available.

Proximity cards are also available in a convenient keyring format.

For all types of card, the minimum order is 10 pieces, except for personalised cards (see note at end of page).

Model	Item code	Price (euro)
Magnetic card , FAAC Controls, numbered and coded	786320	
Proximity card , white, no magnetic strip	786335	
Proximity card , white, numbered, no magnetic strip	786336	
Proximity card , FAAC Controls, numbered, no magnetic strip	786334	
Proximity card , white, numbered, with neutral magnetic strip	786337	
Proximity card , white, numbered, with coded magnetic strip	786338	
Transponder keyring format	786323	

VEHICLE ACCESS CONTROL UNIT WITH DETECTION AT A DISTANCE AND AT SPEED AT-8



The AT-8 control unit is designed to identify vehicles equipped with TAGs active at 2.45 GHz, installable on the windscreen of the vehicle using sucker cups. Double identification is possible (for vehicle and driver), with the PROX-BOOSTER active transponder.



AT-8



Prox-Booster



Compact TAG



Window button

Model	Description	Item code	Price (euro)
AT - 8	Reader unit for long-range active transponders at 2.45 GHz	1030537	

Electronic control board

Control unit COBRA

LONG-RANGE active transponders at 2.45 GHz

	Item code	Price (euro)
COMPACT TAG	403153	
WINDOW BUTTON	786341	
PROX-BOOSTER - (active TAG ready to receive passive card)	786347	

Specific accessories

	Item code	Price (euro)
Proximity card for PROX-BOOSTER		
Detector FG1	785529	
Detector FG2	785527	
Pole for AT-8	722233	

TECHNICAL SPECIFICATIONS

Reading unit	For detection up to 8 m
Detection speed	Max. 200 km/h
TAG reader	Active at 2.45 GHz
Structure	In stainless steel on articulated support
Installation	Wall-mounted or rod-mounted
Front panel	In plastic
Dimensions	310 x 250 x 100 mm
Weight	5 kg
Operating ambient temperature	-20°C to +55°C
Power supply voltage	230 V~ (+6% -10%) 50 (60) Hz
Absorbed current	125 mA
Protection class	IP 65
Interface	RS232 or OMROM ISO 7811/2
Identification signal	Buzzer
Max. distance between reader and control unit	50 m

TECHNICAL SPECIFICATIONS OF TRANSPONDER

Model	Reading distance	Power supply	Fixing	Dimensions
COMPACT TAG	5 m	Lithium battery, 5 year life	slot	86 x 59 x 5 mm (L x H x D)
WINDOW BUTTON	8 m	Lithium battery, 5 year life	one suction cup	Ø 75 mm D 30 mm
PROX-BOOSTER	8 m	Lithium battery, 5 year life	three suction cups	116 x 72 x 32 mm (L x H x D)

Use: vehicle access control with detection at a distance and at speed.

Applications: identification without stopping the vehicle, dynamic control of vehicle access, vehicle fleet management with identification of vehicle and driver (PROX-BOOSTER).

CONTROL UNIT



The COBRA control unit, together with the WINCONTROL software, allows the setup of access control systems of any type and size and can handle over 500 readers with WIN-NET network connection.

All the technologies for handling access tickets or cards and their readers are managed by the COBRA units.

Memory capacity for up to 65,000 users, management of 999 time bands on a weekly basis, management of annual calendar with holidays if there is an online connection with the WINCONTROL software.



Model	Description	Item code	Price (euro)
Cobra 5000	Supplied with stabilised power supply and enclosure LM (IP55)	316020	

Specific accessories	Item code	Price (euro)
Battery 12 Volt 1.2 Ah	390675	
Converter ETH-485-232	103123	
Converter ETH-MOD-V	103073	

TECHNICAL SPECIFICATIONS

Access control system	Pedestrian and vehicle
CPU	16/32 bit
Program memory	512 Kbyte flash memory, updatable via serial port, containing all functional variants
Tables + transactions memory	512 Kbyte buffered RAM
Serial ports	1 RS 232 serial port - 1 auxiliary RS 232 serial port - 1 RS 485 serial port 1 RS 485 serial port for subnet management
Operating principle	In stand-alone mode if configured from a laptop PC, or on a network with a PC
Readers management	Max. 2 readers (4 with MIXER board)
User management (stand-alone)	Variable from 10 to 15,000 - Preset to 5,000
Readings archive management (stand-alone)	Variable from 200 (15,000 cards) to 51,000 (10 cards) - Preset to 34,189 with 5,000 users
Time bands management (stand-alone)	255
Parking lanes management	1 or 2, programmable
Single door management	entry reader, exit button; entry reader, exit reader possibility of door status management with alarm activation
Double door management	reader on gate A; reader on gate B on both, exit buttons can be installed and also door status management and alarms
PIN management	Via connection with a reader equipped with display + keypad (PIN and PIN+card)
Inputs and outputs	6 inputs, 1 anti-intrusion tamper, 4 relay outputs 230 V (+ 6% to 10%)
Power supply voltage	230 Vac

MANAGEMENT SOFTWARE



The WINCONTROL access control software allows management of terminals or control units connected to the data concentrator computer. The software manages a series of archives of user information, identification criteria for personnel subject to checking, operation modes, both for the control units and for the readers installed at the gates, and accesses of controlled areas.

All versions handle up to 65,535 users and include the modules:

- 8 ore (8 hours), for counting and processing the times read
- WINCONTROL-PRES, for exporting data to other computer systems
- WINCONTROL-NET, for monitoring and sharing of the archives of a WINCONTROL installed on another PC on a LAN.

ACCESSORIES FOR PC

	Item code	Price (euro)
Interface converter INT-232-485-ISO (4 lines)	103093	
Analogue modem for access control	316017	

SOFTWARE

for management, Wincontrol 1P (for 1 COBRA) connectable directly to the serial port (RS 232) of the PC (*)	7790307	
for management, Wincontrol 5P (for 5 COBRAs) operating on a WinNet network via converter to four lines	779040	
for management, Wincontrol 10P (for 10 COBRAs) operating on a WinNet network via converter to four lines	7790327	
for management, Wincontrol 255P (for 255 COBRAs) operating on a WinNet network via converter to four lines	7790337	

TECHNICAL SPECIFICATIONS

Operating system	Microsoft Windows (95/98/NT/2000/XP/VISTA)
Access	Confidential password
Communication	Serial port
Identification	Transponder card, magnetic card, PIN code
User associations	Unlimited level of accesses
Logistics controls	Enabled zones, movements, anti-pass back, entering amounts
Time controls	999 time bands/week
Conditioning of opening	Level of accesses, time bands, PIN codes, temporary disablings