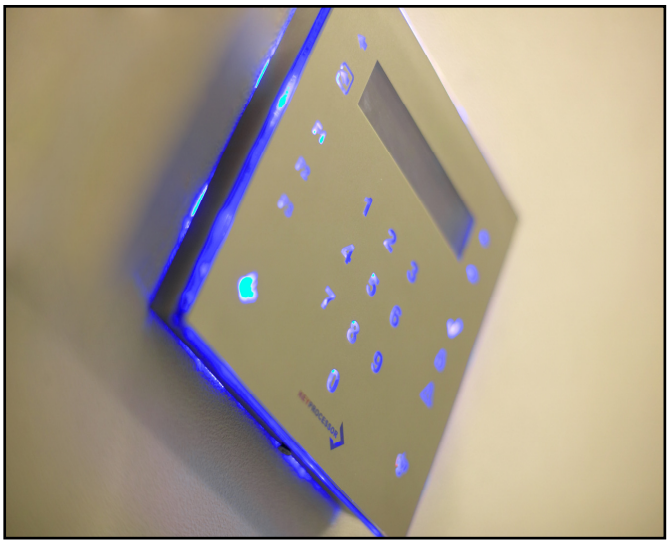
iPROTECT™
Intrusion detection

Intrusion detection

It can happen to any organisation: an intrusion that culminates in the disappearance of all the computers or a break-in in which most of the stock disappears. These events seriously jeopardize operational continuity. Moreover, false alarms are very costly.



Solution

The iProtect™ security system is an integral part of the iProtect™ security management system and offers a total solution. By means of timely signalling, users can limit their risk and the number of intrusions. another module such as IP-Video Camera Surveillance, alarm reports can be verified. Access control is fully integrated with intrusion detection. Linkage with the security keypads and security systems of other manufacturers also number among the possibilities.

Keypad

Wear to the numerical keys of the keypad is a thing of the past. With touch-sensitive keys, it is impossible for intruders to deduce figure combinations. Optional extension of the keypad is possible with a cardreader. So the enduser is given the choice to use a card or a pincode for the security system.

You want reliable security

All insurances accept this module up to and including grade 3 (in accordance with EN 50131). The reduction of false alarms achieved with iProtect™ intrusion detection is considerable.

You want manageability

You no longer need to remember a code and you can monitor the time clocks used in the granting of access. This multi-site solution also gives you the scope to manage all other objects from any location, including from abroad.

Technical specifications

	Security system	Intelligent power supply	I/O board	Keypad
Physical properties				
Dimensions board	200 x 130 x 20 mm	164 x 82 x 45 mm	104 x 44 x 20 mm	n.a.
Dimensions casing	354 x 400 x 127 mm	354 x 400 x 127 mm	110 x 90 x 30 mm	138 x 138 x 30 mm
Material casing	Sprayed RVS sheet metal	Sprayed RVS sheet metal	Aluminium profile	Plastic
Power supply				
Voltage	230 Volt DC	Input: 230 Volt AC Output: 10,5 to 13,65 Volt DC	13 Volt DC (± 10%)	13 Volt DC (± 10%)
Current nominal	160 mA	-	20 mA	70 mA
Current maximum	200 mA	3 A @ 13,65 Volt DC	40 mA	-
Version	Microprocessor operated, Switch mode Power supply	Microprocessor operated, Switch mode Power supply	n.a.	n.a.
Power outputs	2 x Siren/Flashlight 1x System 2 x Aux	2 x Siren/Flashlight 1x System 2 x Aux	n.a.	n.a.
Environment				
Temperature	0 - 50°C	0 - 50°C	0 - 50°C	0 - 50°C
Humidity	90%, non condensing	90%, non condensing	90%, non condensing	90%, non condensing
Inputs/Outputs				
Inputs	8 x Reversing switch NO,NC,EOL of DEOL 3 x Tamper	8 x Reversing switch NO,NC,EOL of DEOL 3 x Tamper	8 x Reversing switch NO,NC,EOL of DEOL 3 x Tamper	1 x Tamper
Outputs	None	4 (total max. 3 A)	2 x open collector	None
Communication				
To emergency room	AL1 (X.25 ISDN/D) AL1 (X.75 ISDN/B) AL2 (X.25 ISDN/D) AL1 (RAM mobile) TCP/IP	n.a.	n.a.	n.a.
To system hub	n.a.	RS485 secure bus	RS485 secure bus	RS485 secure bus
User interface				
Display	n.a.	n.a.	n.a.	2 x 18 characters with background illumination
Keyboard	n.a.	n.a	n.a	22
Audio signal	n.a.	n.a.	n.a.	Built-in buzzer
Card reader connection	n.a.	n.a.	n.a.	Yes
Special features				
Outputs	Max. 32	n.a.	n.a.	n.a.
Inputs	Max. 128	n.a.	n.a.	n.a.
Keypad	Max. 8	n.a.	n.a.	n.a.
Blocks	Max. 16	n.a.	n.a.	n.a.
Users	Max. 100.000	n.a.	n.a.	n.a.
Compliancy				
CE				
EN50131				
EN50136				

Changes reserved.
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KEYPROCESSOR
SECURITY SOLUTIONS