

SmartID™

PROXIMITY READER WITH STYLE

Technique and design

Customers have high standards for the industrial design of the technical products they use: and for good reason. They must "fit" in their environment. This is certainly true for access control readers: an eye-catching part of the interior.

Available reader technologies

The SmartID™ product line offers a broad variety of proximity reader technologies, such as Mifare®, Hitag™ (proximity B) and EM4102 (proximity A). SmartID™ is also available as SmartTOUCH™: Keyprocessor's ingenious combination of a Mifare® reader and fingerprint scanner.

Highlights SmartID™

- Unique design.
- Stylish and elegant.
- Fits in a modern environment.
- Highly rated reader technology.
- Choice of:
 - Mifare®
 - Hitag™
 - EM4102.
- Available as SmartTOUCH™ fingerscan reader.
- Designed in two shades of stainless steel.
- LED-indicators (power and access).
- Mountable on built-in in junction boxes with optional mounting kit.
- Mountable on a spacer, equipped with cable input trough.
- Optional is a tamper contact, which can be connected to generate an alarm in case of theft or destruction of the SmartID™ reader.



SmartID™: design elegance

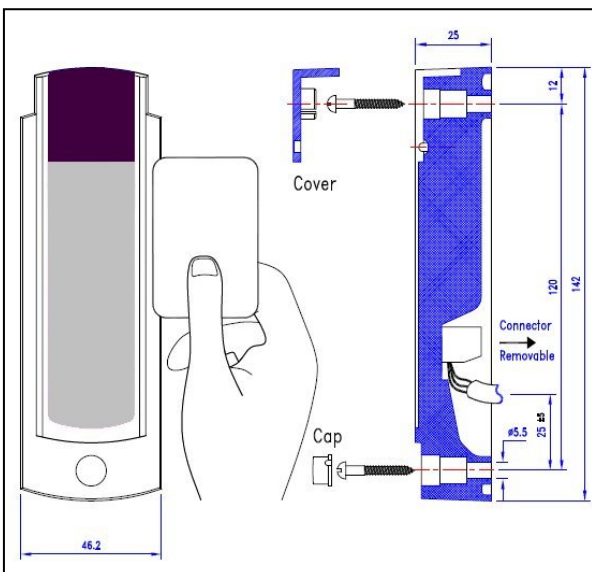
Keyprocessor's SmartID™ reader line is in-tune with the demands placed on modern architecture. Their contemporary design, in two shades of stainless steel, adds a subtle and elegant accent to their surroundings.

New possibilities

SmartID™ offers new installation possibilities: the readers can be mounted on standard U.S. or European junction boxes suitable for built-in switches.

TECHNICAL SPECIFICATIONS

Housing					
Size	142 x 46 x 25 mm.				
Material housing	SB TSG polymers, painted in two-tone stainless steel look. (colourfast: UV and waterproof).				
Material front foil	Poly carbonate.				
Further	It is possible to get the front foil with your own logo printed on it.				
Optional switch plate mounting device (SPMD)					
Size	142 x 73.2 x 14.5 mm.				
Size including reader	142 x 73 x 30 mm.				
Material	SB TSG polymers, painted in two-tone stainless steel look. (colourfast: UV and waterproof).				
Kit contains	1 back plate with two M3 holes, 1 left cover, 1 right cover, 2 M3 screws, Mounting instructions.				
Spacer	Small mounting device for SmartID™ reader, equipped with cable input trough.				
Tamper contact	Optional. To be used when an alarm needs to be generated in case of theft or destruction of the SmartID™ reader.				
Further	Fits on any standard U.S. or European junction box.				
Features	All readers are equipped with two LED indicators and a buzzer.				
Environmental conditions					
Operating temperature	-20 °C to 65 °C or -4 °F to 149 °F.				
Operating humidity	IP value: 67 if connector is sealed.				
Technologies	EM4102 (proximity A)	Hitag™ (proximity B)	Mifare® serial number	Mifare® read only	Mifare® read/write
Reader range	5 - 10 cm	5 - 10 cm	2 - 5 cm	2 - 5 cm	2 - 5 cm
Power supply	5 - 12 VDC	5 - 12 VDC	5 - 12 VDC	5 - 12 VDC	5 - 12 VDC
Current avg	60 mA	60 mA	15 mA	100 mA	150 mA
Current peak	120 mA	120 mA	250 mA	200 mA	150 mA
Frequency range	125 KHz	125 KHz	13.56 MHz	13.56 MHz	13.56 MHz
Interface/output controls	<ul style="list-style-type: none"> • ABA - ISO 7811 • Clock & Data 	<ul style="list-style-type: none"> • ABA - ISO 7811 • Clock & Data • Wiegand 	<ul style="list-style-type: none"> • ABA - ISO 7811 • Clock & Data • Wiegand • RS232 • RS422 • RS485 • BPA9 	<ul style="list-style-type: none"> • ABA - ISO 7811 • Clock & Data • Wiegand • RS232 • RS422 • RS485 • BPA9 • Customer format 	<ul style="list-style-type: none"> • ABA - ISO 7811 • Clock & Data • Wiegand • RS232 • RS422 • RS485 • BPA9 • Customet format
Certifications	CE, FCC, ACA	CE, FCC, ACA	CE, FCC	CE, FCC	CE, FCC
Chip technology	EM4002	Hitag™ 1 & Hitag™ 2	Mifare®	Mifare®	Mifare®
Reading technique	Contactloos	Contactloos	Contactloos	Contactloos	Contactloos
Compliance	-	Hitag™ 2: ISO 11784 Hitag™ 2: ISO 11785	ISO 14443A-2	ISO 14443A-3 ISO 14443A-4 T=CL	ISO 14443A-3 ISO 14443A-4 T=CL



Subject to alterations.

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Electro Mechanical Systems Limited

Eros House, Calleva Park, Aldermaston, Reading, RG7 8LN
 www.ems-limited.co.uk tel 0118 981 7391
 info@ems-ltd.com fax 0118 981 7613