



SP500-EM Switch-plate card reader

Access Control

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- Compact proximity reader
 - Can be mounted in most single-gang back-boxes
 - Reading range of up to 10 cm

The SP500-EM reads EM4102 cards (also known as Miro or UNIQUE 125 kHz). Its compact, square design makes it easy to mount in most single-gang back-boxes.

When BC-Link is used, two of these readers can be installed to control entries and exits using only one door controller. An additional benefit of BC-Link is that it supports online status monitoring.

Technical data

SP500-EM	
System compatibility	SiPass Entro Lite, SiPass Entro, SiPass integrated
Interface to controller	BC-Link, Clock&Data or Wiegand
Operating voltage	10.6 to 32 VDC
Current consumption	21 mA @ 12V DC 24 mA @ 24V DC
Tamper switch	No
Card technology	EM4102 (also known as Miro or UNIQUE 125 KHz)
Card compatibility	IB41-EM, IB42-EM IB44-EM, IB45-EM
Card read distance	Up to 10 cm
Indicators	3 x LED (red/yellow/green) 1 x Buzzer
Keypad	No
Operating temperature	-30 to +50 °C
Environment	Indoor or outdoor use
IP rating	IP55
Housing	ABS base with fully encapsulated electronics, clip-on ABS front cover
Colour	White
Dimensions (W x H x D)	86 x 86 x 14 mm
Approval	CE
Accessories	None

Details for ordering

Type	Part no	Designation	Weight
SP500-EM	S24246-F3902-A1	Switch-plate card reader	0.14 kg

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