Single Technology Readers

Overview

Schlage's SM10 smart technology and PR10 proximity readers are sleek, compact and cost-effective. The SM10 is compatible with 13.56 MHz high frequency credentials from Schlage and is recommended for mid-level to high security applications where secure, encrypted technology is required. The PR10 is compatible with 125 kHz low frequency credentials and can be used for low to midlevel security applications. The mini-mullion design allows for these readers to fit into almost any application.

Features & Benefits

- Reduced model lineup and one size fits all reader offering limits complexity
- Limited lifetime warranty
- Accommodates interior, exterior, metal and non-metal installation environments
- Quick-connect cable allows for easy installation
- Easy-to-install mounting bracket
- PR10 is a cost-efficient reader used in 125 kHz proximity applications
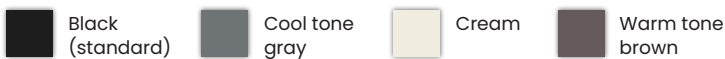- SM10 can support 13.56 MHz secure technology in higher security applications

Check out our Schlage Credential Services

Model	PR10	SM10
Reader type	Proximity	Smart
Mounting style	Mini-mullion	Mini-mullion
Standards	N/A	ISO 14443A, 14443B, 15693
Certifications	FCC certification; IC certification; UL 294 listed; RED directive; CE Mark; IP65-rated	
Credential frequency supported	125 kHz	13.56 MHz
Technology supported[1]		
Proximity[2]	●	
CSN[3]		●
Smart[4]		●
Mobile (NFC)[5]		●
Read range	Proximity Up to 3" (7.5 cm)	Schlage MIFARE®: Up to 3" (7.5 cm) Schlage MIFARE® DESFire® EV1/EV2/EV3: Up to 2" (5.1 cm)
System interface	Wiegand	Wiegand / Clock and Data
Voltage range	5–16 VDC	
Current requirements	Average: 65 mA Peak: 110 mA	Average: 95 mA Peak: 195 mA
Dimensions (HxWxD)	4.26" x 1.72" x 0.81" 10.8 cm x 4.4 cm x 2.1 cm	
Operating temperatures	–31 to 151F (–35 to 67C)	
Weight	4.1 oz	3.9 oz
Material	PBT polymer	

1. For more detail, see Schlage Credentials Compatibility Guide for readers and locks.
2. Schlage® Proximity, HID® Proximity up to 37 bit lengths, GE/CASI® Proximity, AWID® Proximity, LenelProx®.
3. DESFire® CSN, HID iCLASS® CSN, Inside Contactless PicoTag® CSN, ST Microelectronics® CSN, Texas Instruments Tag-It® CSN, Phillips I-Code® CSN.
4. Schlage smart cards using MIFARE Classic® EV1, Schlage smart cards using MIFARE Plus®, Schlage smart cards using MIFARE® DESFire® EV1, Schlage smart cards using MIFARE® DESFire® EV2, Schlage smart cards using MIFARE® DESFire® EV3.
5. Compatible with Bluetooth and NFC-enabled smartphones.

Color Options

■ Black (standard)   ■ Cool tone gray   □ Cream   ■ Warm tone brown