



Mobile Enabled Multi-Technology Readers



Overview

The Schlage® mobile enabled multi-technology readers are designed to simplify your access control solutions and ease the transition from an existing proximity system to a secure, encrypted card technology or mobile solution at your own pace—without having to change readers. Three available models fit any need and operate with multiple credential form factors including wristbands, cards, fobs and tags.

- **MTB11:** Mullion mount mobile enabled multi-technology reader
- **MTB15:** Single gang mount mobile enabled multi-technology reader
- **MTKB15:** Single gang mount mobile enabled multi-technology with keypad reader

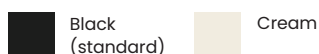
Encryption Key & Credential Interoperability

- Hardware configured with our default encryption key or custom key developed by Schlage Custom Encryption Key Service (SCEKS) including NXP and NFC
- Schlage MIFARE® DESFire® and MIFARE Classic® credentials
- NFC mobile credentials in Apple Wallet® and Google Wallet™
- Schlage Mobile Bluetooth Credential
- Other manufacturer credentials including:
 - LenelS2™ BlueDiamond™ MIFARE® DESFire® EV3 and NFC mobile credentials
 - TRANSACT, Brivo, Kastle and more
- See the [Credential Compatibility Guide](#) for full details

Schlage Credential Services

- CardTrax™ credential format sequencing service offering industry standard formats
- Custom format development

Color Options



Features & Benefits

- Multi-technology platform offers support for a wide range of credential technologies including mobile (2.4 GHz) Bluetooth and NFC, high-frequency (13.56 MHz) smart and low-frequency (125 kHz) proximity
- Supports Bluetooth and NFC wallet-based credentials
- OSDP, RS485, Wiegand support
- Plug & Play mode for straight out of the box functionality
- Commission via ENGAGE™ mobile app for reader updates and easy configuration.
- Broad voltage range of 5V to 28V for simplified power management
- Accommodates interior, exterior, metal and non-metal installation environments
- Improved quick-connect cable allows for easy installation
- Easy-to-install mounting bracket
- Available finishes include: Black (standard) and cream



Check out our Schlage
Credential Services



Model	MTB11	MTB15	MTKB15
Reader type	Mobile enabled multi-technology	Mobile enabled multi-technology	Mobile enabled multi-technology with keypad
Mounting style	Mullion	Single gang	Single gang
Standards	ISO 14443A, ISO 15693		
Certifications	FCC Certification - IC Certification - UL 294/cUL Listed - RED Directive - CE Mark - IP65 - REACH - Bluetooth SIG - RoHS 3		
Frequency	2.4 GHz, 13.56 MHz and 125 kHz		
FIPS 201 compliant	No		
Technology supported ⁵			
CSN ¹	●	●	●
Proximity ²	●	●	●
Smart ³	●	●	●
Mobile (NFC) ⁴	●	●	●
Mobile (Bluetooth) ⁴	●	●	●
Read range (Based on ISO Card form factor)			
Prox FSK	Up to 2.25" (5.7 cm)	Up to 4.5" (11.4 cm)	Up to 4.5" (11.4 cm)
Prox ASK	Up to 2.0" (5.1 cm)	Up to 3.75" (9.5 cm)	Up to 3.75" (9.5 cm)
MIFARE Classic® EV1	Up to 2" (5.1 cm)	Up to 2.25" (5.7 cm)	Up to 2.25" (5.7 cm)
MIFARE Plus®	Up to 1" (2.5 cm)	Up to 1.5" (3.8 cm)	Up to 1.5" (3.8 cm)
MIFARE® DESFire® EV1/EV3	Up to 1.25" (3.2 cm)	Up to 1.75" (4.4 cm)	Up to 1.75" (4.4 cm)
MIFARE® DESFire® EV2	Up to 2" (5.1 cm)	Up to 2.25" (5.7 cm)	Up to 2.25" (5.7 cm)
Schlage Mobile Credential (Bluetooth)	Up to 30'+ (9.1 m)	Up to 30'+ (9.1 m)	Up to 30'+ (9.1 m)
System interface	Wiegand / Clock & Data / RS-485 (OSDP, OSDP Secure)		
Voltage range	5-28 VDC		
Current requirements	80mA Average (190mA Peak) @12V 45mA Average (100mA Peak) @24V	80mA Average (190mA Peak) @12V 45mA Average (100mA Peak) @24V	80mA Average (200mA Peak) @12V 45mA Average (105mA Peak) @24V
Pigtail specification	22 AWG, 12 conductor, 12" length		
Tamper	Yes		
Physical dimensions	5.91" x 1.72" x 0.81" 15 cm x 4.4 cm x 2.1 cm	5.1" x 3.25" x 0.76" 12.9 cm x 8.3 cm x 1.9 cm	5.1" x 3.25" x 0.76" 12.9 cm x 8.3 cm x 1.9 cm
Operating temperatures	-40° to 158° F (-40° to 70° C)		
Weight	3.8 oz	6.0 oz	6.1 oz

1. DESFire® CSN, HID iCLASS® CSN, Inside Contactless PicoTag® CSN, ST Microelectronics® CSN, Texas Instruments Tag-It® CSN, Phillips I-Code® CSN.

2. Schlage® Proximity, HID® Proximity up to 37 bit lengths, GE/CASI® Proximity, AWID® Proximity, LenelProx®.

3. 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.

4. Compatible with Bluetooth and NFC-enabled smartphones.

5. For more detail, see [Schlage Credentials Compatibility Guide](#) for readers and locks.