



SMART READER

*Images shown may vary from actual products.



Full LCD Display
Touch Screen



Slimline Reader
Interface



OSDP (Open Supervised
Device Protocol)



MIFARE Sector
Read & Write



Multi-protocols
(runtime configurable)



AES 128
Encryption



Full size antenna



IP65



Reader Status
Monitoring



Support 14443A /
14443B

SMART READER SR100, SR200

DIMENSION



MODEL AVAILABILITY

Model	Description
EP.SR.100	Entrypass Smart Reader without Touchpad
EP.SR.200	Entrypass Smart Reader with full LCD Display

HARDWARE SPECIFICATION

Hardware	SR-100	SR-200
Main Processor	NXP ARM Cortex M3 @ 72MHz	
RAM	8K	
ROM	64K	
RFID Processor	NXP PN series NFC controller ISO/IEC 14443A/MIFARE Reader/Writer Mifare DESFIRE EV1 FeliCa Reader/Writer ISO/IEC 14443B Reader/Writer ISO/IEC 14443A/MIFARE Card MIFARE Classic 1K or MIFARE Classic 4K card emulation mode FeliCa Card emulation ISO/IEC 18092, ECMA 340 Peer-to-Peer	
Card Technology	MIFARE Classic (CSN Read, Sector Read/Write) MIFARE EV1 (CSN Read, File Read/Write) Note: Not all protocol are supported	
Touch Method	N/A	Capacitance Touch
Communication Interface	OSDP over RS485	
Wiegand Output	Yes	
LED Display Control	Yes (Tricolor Red,Green,Blue)	LCD Display
Audio Buzzer Control	Yes	
Tamper Monitoring	Yes	
Operating Voltage	12VDC (± 15%)	
Power (@12 V Input)	1.2W Touchpadless, 2W with Touchpad version	2.4W
Casing Material	ABS	
Front Cover Plate	Coated Scratch Resistance Acrylic	

*This hardware specification might be updated without prior notice.