

EI 900 - Access Control Card reader with Bluetooth

EI 900 Multi Technology Smart Card Reader

The BLE Series Combo Reader is a hybrid access control reader that has dual access via MIFARE, MIFARE DESFire contactless Technologies and Bluetooth Low Energy for supported Android and iOS devices.



COMPATIBLE

MIFARE
MIFARE Desfire



BLUETOOTH ENABLED

Mobile APPs and
extended read
range functionality



HIGH SECURITY OPTIONS

Encryption on contactless
link and data output



BUILT TO LAST

Outdoor rated IP65



Key Features

Multi-Technology Compatibility: Seamlessly integrates Bluetooth Low Energy (BLE) alongside industry-standard MIFARE and high-security MIFARE DESFire technologies.

Mobile-Ready Convenience: Leverages Bluetooth technology to facilitate secure access via smartphones and tablets, making it perfect for mobile-first workplaces and long-read-range applications.

Flexible Credential Options: Allows employees and guests to utilize a diverse range of credentials—including mobile apps, smartcards, and fobs—maximizing operational convenience without sacrificing security.

Inbuilt Security: Supports advanced encryption standards inherent in MIFARE DESFire and secure BLE (AES - 256 encryption) protocols to protect against credential cloning and data interception.

Sleek & Robust Design: Housed in a durable enclosure suitable for both high-profile corporate interiors and rugged, weather-exposed exterior walls.

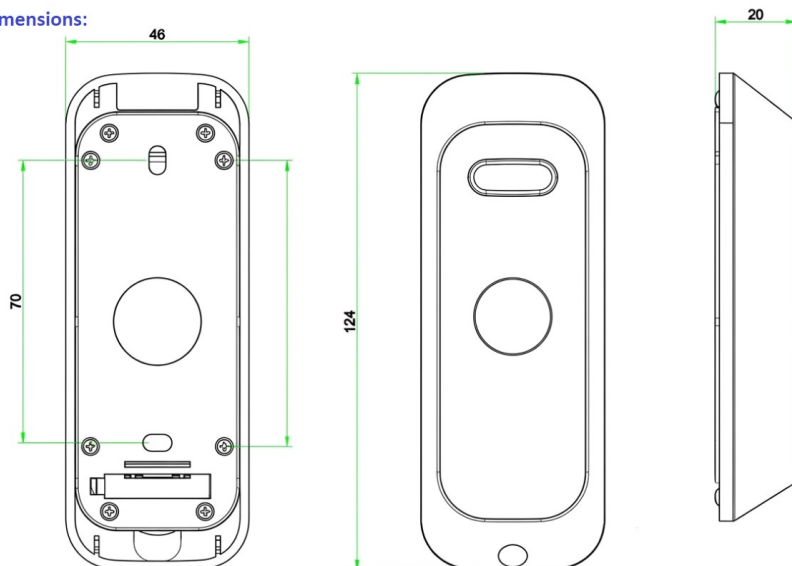


Hardware | Firmware | Software | Integrated Solutions



Specification		
Bluetooth 2.4 GHz	Protocol	Bluetooth 4.2 Compliant
	Compatibility	iOS & Android Smartphones/Tablets
	Read Range	Up to 15m (Configurable)
Contactless Smartcard 13.5 MHz	Card Types	MIFARE Classic, MIFARE DESFire EV1/EV2/EV3 and ISO14443A Cards
	Read Range	5cm (Typical)
	Transmit Frequency	13.56MHz
General	Output Protocol	Wiegand : 38 bit as Standard or Customer Specified Format RS485 Communications / OSDP (version 2.2) - Half Duplex
	Voltage Supply	+12VDC
	Current	150mA (Active) @ 12VDC
	Status Led	Colour Led : Red / Green / Orange
	Audible Tone	Buzzer
	Cable Distance	Wiegand : 150m (500ft) : 22 AWG Wire RS485 : 1000m (3200ft) : 22 AWG Wire
	Operating Temperature	0°C to +55°C
	Relative Humidity	90% Max : Operational Non-Condensing
	Enclosure Material	Flameproof Polycarbonate (FR grade)
	Colour	Charcoal
	IP Rating	IP65
	Certifications	FCC, CE, RoHS
	Warranty	2 Years Limited warranty

Dimensions:



Dimensions are in millimeters (mm).