

EI 910-Optical

Mifare Access Reader

"This is a Mifare® smart card display reader that combines a Mifare® contactless smart card reader and optical biometric finger scanner. On flashing the card it picks up the pre-personalised finger template from the card and compares with the live finger. It can be mounted directly on wall or panel.

"As the card holder's fingerprint details are held on the card the authentication, is database independent."

The unit reads stored fingerprint templates from the card together with the access control code and card number in one pass. On flashing a card and presenting a finger the reader is structured to give a Weigand output to facilitate a communication with a door controller. We can match the Weigand bit pattern to a door controller of your choice provided the Weigand details are given to us.

- The reader can be structured to give a Weigand output to facilitate a communication with a door controller. We can match the Weigand bit pattern to a door controller of your choice provided the Weigand details are given to us.
- The reader can be structured to have an RS 232 interface which in turn will communicate to our SRM Module (Secure Relay Module). The SRM Module supports memory, inputs, relays and is capable of resting on the RS485 Multi-drop line like our comprehensive readers i.e. BT 816 & BT 843. Hence a combination of BT 910 and the SRM Module make it a comprehensive networkable self sufficient reader. The cluster of readers resting on the Rs485 network can be interfaced with the PC either through a RS 485 to Rs232 converter or Rs485 to TCP/IP converter.



SALIENT FEATURES

- Conforms to ISO (ISO 14443A) (Type 1, 2, 3) (Type 4 on request) (13.56 MHz).
- No fingerprint database required, "One to One" fingerprint verification. (Can Offer on a 1 to N ie. 500,3000,5000 persons.)
- Leading edge optical based sensor technology.
- Fast verification and authentication processing time; less than one second.
- Wiegand interface (Factory customizable to the given weigand format)
- Audio-Visual feedback.

SPECIFICATIONS

Reader output	Option 1: Wiegand interface 28 to 200 bit pattern Option 2: RS 232 interface
Inputs	2 inputs optically isolated (Used with door controller outputs)
Power requirement	12 - 14VDC
Current consumption	350 ma
Read range	30 – 40mm
Operating temperature	0°C to + 55°C (32°F to 131°F)
Relative humidity	90% max, operating non-condensing
Reader dimensions	135mm x 50mm x 65mm (5.32" x 1.97" x 2.50")
Status LED's	Tri-colour LED (Amber, Green & Red)
Audible Annunciator	Piezzo Buzzer
Weight	194gms
Color	Superfine Silver
F.A.R	0.01%
F.R.R	0.01%
Warranty Policy	Warranty for 1 year against defective workmanship

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