

EI 843-wBio

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.



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.
- 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.

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SPECIFICATIONS

Reader output	Wiegand interface 28 to 200 bit pattern
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	190 mm H x 105 mm B x 115 mm D (max)
Status LED's	Tri-colour LED (Amber, Green & Red)
Display	Backlit two line LCD Display (2 Lines 16 Characters 4mm Height)
Audible Annunciator	Piezzo Buzzer
Weight	750 gms approx.
Color	Superfine Silver & 7C Pantone Base Color
Finger Sensor	Optical Bio. Finger Template Size 170 Bytes
F.A.R	0.01%
F.R.R	0.01%
Warranty Policy	Warranty for 1 year against defective workmanship

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