

"This is a Mifare® smart card reader that combines a Mifare® Contactless smart card reader and 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 can interface in two forms.

1The 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.

2The 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.



SALIENT FEATURES

- Conforms to ISO 14443A (Type 1, 2, 3) (Type 4 on request)(13.56 MHz)
- Card based Finger Template. Hence 1:1 Matching, thus eliminating False Acceptance Rate (FAR)
- Fast verification and authentication processing time, less than one second
- Leading edge chip based sensor technology
- Weigand, RS232 interface
- Interchangeable with any existing Weigand readers in conjunction with door controller. i.e. Prox (125KHz) & Magstripe. (To work with existing door controller and software, However the cards have to be replaced with Mifare smart cards)
- Visual (LED) and audible (Buzzer) feedback
- Communication and Verification taken care by SRM module

Innovation For India's Growth

TECHNICAL SPECIFICATIONS

Power requirement	10 – 14Vdc
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)
Normal current consumption	170 ma
Activated current consumption	250ma
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")
F.A.R	Eliminated
F.R.R	0.01%
Status LED's	Tri-colour LED (Amber, Green & Red)
Audible Annunciator	Piezzo Buzzer
Weight	194gms
Color	Superfine Silver Metallic Finish
Warranty Policy	Warranty for 1 year against defective workmanship

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