

The BT 843 is a Mifare Contactless Smart Card Access Reader. It supports a keypad and a display. It is a comprehensive Reader thus eliminating the need for separate door controllers. It supports both the card holder's Data Base and the Transaction Data Base. This feature makes the reader function on a standalone basis in case the networking line is down temporarily. The reader rests on a RS485 network. The connectivity to the PC can either be achieved through an RS485 to RS232 or an RS485 to TCP/IP Converter depending on the customer's requirements.



SALIENT FEATURES

- Conforms to ISO 14443A (Type 1, 2, 3) (Type 4 on request)(13.56 MHz)
- 128 Kb internal memory holds up to 4,000 card holder's database and 6,000 transaction database
- 512 Kb memory on request
- Fast verification and authentication processing time, less than one second
- LCD Display, Visual (LED) and audible (Buzzer) feedback
- RS485 interface for networking
- RS232 interface (can interface with a printer)
- IP65 standard finish for internal or external application
- 12 key membrane keypad

TECHNICAL SPECIFICATION

Power requirement	10 - 14Vdc
Output Interface	RS485 , RS232. Weigand output (On Request)
Inputs	4 optically isolated
Relay Output	3 relays, potential free contacts , single change over. (1 Amp rating 24 Volt DC)
Normal current consumption	160 ma
Activated current consumption	200 ma
Read range	40 – 60 mm (1.2" – 2.4") (typically)
Operating temperature	0°C to + 55°C (32°F to 131°F)
Relative humidity	90% max, operating non-condensing
Reader dimensions	136mm x 161mm x 44mm (boxed dimension)
Display	LCD backlit display, 2 line 16 character. Digit Ht:4mm
Status LED	Amber, Green & Red
Audible tone	Variable beep duration for Access Granted and Denied
Memory	128 Kb, 512 Kb (On Request)
Weight	412gms
Color	Pantone – 7C Black Finish
Warranty Policy	Warranty for 1 year against defective workmanship

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