



BioNIC 8 SC

Highly Secure Card Reader Terminal

Mantra Softech is a Global Hi-Tech Manufacturer of Biometric Products and Solutions. We offer a Wide Range of Products in Biometric and RFID Industry.

Introduction

Mantra BioNIC 8 SC Highly Secure Card Reader Terminal is highly recommended for reading all types of Contactless cards. It is a Secure Contactless card reader equipped with Secure Access Module.

This secure card reader comes with a various interfaces such as Ethernet Connection, RS485, Weigand for easy plug-and-play. This card reader is widely used for the secure verification and identification of users.



At a Glance

Hardware & System	Smart Card Reader Operating Frequency	: 13.56 Mhz
	Range	: Up to 10 cm
	Mounting	: Metal surface/Metal frames/ Wooden frames / Wall/ Glass
	CPU	: ARM Cortex®-A7 core, 528MHz
	Memory	: 256/512 MB RAM & 16GB/32GB eMMC
	Operating System	: Debian Linux
	LED Indicators	: GREEN LED- Card Successfully Validated , RED LED- Power on /Card Failed Validation
	Audio	: 1W Speaker or Buzzer
	RTC	: Coin Cell, On Board Rechargeable
	Dimensions	: (L x W x H) 141mm x 91mm x 22mm
	Weight	: Approx 140 grams
	Operating/Storage Temperature	: Operating : 0 Deg - 60 Deg C Storage: 0 Deg - 70 Deg C
	Operating Humidity	: 10%-90% RH (Non-Condensing)
	Certifications	: CE, RoHS, BIS, IP65
SCOSTA Smart Card Reader	Contactless Card	: ISO14443 Type A/B Cards, Supported speed 112Kbps, 224 Kbps, 448Kbps, 896 Kbps
	SAM	: SCOSTA Smart card reader, ISO 7816 Compliant Smart Card
	SAM Slot	: 1 x SAM Socket On Board minimum
Interfaces	DC Jack	: 1 x DC Power Input
	RS-485	: 1 Host or Slave (Selectable)
	Weigand	: 2 Input ; 2 Output
	RS-232	: TX , RX through Aux Connector
	Ethernet	: 10/100 Mbps
	Relay	: Two (5V/2A), NC-COM-NO Relay with Non-Potential Contacts
	Micro USB	: 4-Pin Micro USB
Electrical	Power Adaptor	: Output DC: 5V/3.0A

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