MCRN2P-2300 RFID Desktop Reader

Key Features

Frequency	13.56 MHz
Interface	Ethernet (PoE-Enabled)
Standards	ISO14443A/B, ISO15693
Supported Cards & Transponders	MIFARE® Family & NTAG I-Code NFC Smartphones
Antenna	Internal
Display	-
Housing	Desktop Type
Power supply	PoE

1   DESCRIPTION

The MCRN2P RFID-Desktop-Reader is a versatile and robust device designed for various industrial and commercial applications. Operating at a frequency of 13.56 MHz, it supports multiple RFID standards such as ISO14443A/B & ISO15693 and is compatible with a wide range of RFID cards and transponders, including MIFARE® DESFire, MIFARE® Classic, and NTAG.

ELECTRICAL

SYMBOL	PARAMETER	MIN	TYP	MAX	UNIT
VIN	Input Voltage	+32	+48	+60	V
VR	Maximum Reverse Voltage	-	+60	-	V
TA	Ambient Temperature Range	-40	-	+85	°C
MTBF		500.000h			

2   FEATURES

- 100Mb Ethernet with PoE (Power-Over-Ethernet) interface
- RGB-color LED indicator
- Full NFC support
- 8MBit external flash memory
- Bootloader for firmware update
- RFID tag reading range up to 80mm
- Full MIFARE DESFire support
- Easy to implement TCP and UDP socket communications
- Binary and ASCII Modes
- Web-Mode interface for http Get-Request

3   DETAILS

Dimensions: 100x100x25mm
Cable length: 180 cm

RoHS compliant   CE

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