FX7500 4-port RFID Reader for all world zones, UHF Gen2

Motorola FX7500 is affordable stationary UHF RFID reader. With an integrated POE (Power over Ethernet) is ideal for large spaces, they do not have to be plugged in. With its large memory reader is flexible enough to be able to use your business today and in the future. It offers higher performance in demanding conditions, thereby protecting your investment and lowers total cost of ownership. Implementation into the corporate system is automated through Showcase II - Motorola products for remote configuration and management of devices.

High-performance series of fixed RFID readers Motorola FX7500 is ideally suited for global enterprise RFID deployment in space-constrained environments. Elegant design with low profile and compact dimensions make it a space-saving. It is associated with a number of highly integrated business functions: auto-discovery and application-specific settings according to easy installation, Power over Ethernet (PoE), advanced features for secure data transmission, etc .. This unique combination determines the FX7500 series of RFID readers particularly well suited for use in retail warehouses and enterprise asset management applications. Ideal platform for your RFID solution. Auto Detect helps you find the device once it is connected to the network. The choice between models with two ports and a four-port model allows you to buy only what you need. With integrated optically isolated GPIO interface, no need to purchase, install and manage additional hardware. Included USB host port allows easy connection to Wi-Fi and Bluetooth. Easy installation on the wall.

Main features and advantages of RFID UHF reader Motorola FX7500:

- Great memory 512 MB Flash, 256 MB DRAM
- The integrated POE (Power over Ethernet
-) LINUX operating syst
- em elegant des
- ing suitable for large, open s
- pace EAHS (Environmental Air Handling S
- pace) 2-port and 4-port configurations reader provides application flexibility and investment optimi
- zation Architecture based on open standards: Standards EPC reader control, auto-discovery, upgradeable firmware management tool Show
- case II Support for EPC Global LLRP interface and RM; comprehensive API support - .NET, C

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d Java Video instructions for operation of UHF RFID reader Motoro
la FX7500: VID

Technical Description

Functionality & Operation

Antennas, Antenna inputs	4 mono-static ports
Memory	512MB Flash , 256 MB DRAM
Indicators	Multicolor LEDs: Power, Activity, Status and Applications
Maximal transmit power	30dBm
Frequency	UHF: 865 - 868 MHz (EU), UHF: 902 - 928 MHz (US)
Network services	DHCP, HTTPS, SSH, FTPS, HTTP, FTP, SNMP, NTP, SFPT
RFID transponder protocols	ISO 18000-6C
Communication interface	10/100 BaseT Ethernet (RJ45) w/ POE, USB Client (USB Type B), USB Host Port (Type A)
Operating system	Linux

Electrical

Power Source	24 VDC, PoE (Power Over Ethernet)

Mechanical

Dimensions	Width: 195.6mm, Height: 149.9mm Length: 43.2mm
Weight	0.86kg
Body housing	aluminium, sheet metal, ABS plastic

Environment

Operating temperature	-20 to 55°C
Storage temperature	-40 to 70°C
Relative humidity (non-condensing)	5 to 95%

Others

Certifications	RoHS, WEEE, FCC Part 15C, RSS 210, ICES-003 Class B, EN 301 489-1/3, FCC 47CFR2:OET Bulletin 65, EN 50364, UL 60950-01, UL 2043, IEC 60950-1, EN 60950-1
Application software	API support for .NET, API support for C
Wall mountable	VESA
Warranty	1 year