BUSINESS-CLASS FUNCTIONALITY IN A COMPACT, SLEEK DESIGN
The Motorola FX7400 RFID Reader sets a new standard in design for indoor customer-facing and carpeted environments — packing best-in-class RFID features into a sleek, attractive form factor. With a low profile and impressive array of integrated features and functionality, the FX7400 makes RFID cost-effective for business class applications such as item-level inventory management, IT asset management and more. This standards-based device integrates easily into your existing technology environment, delivering superior performance and simplified management. Flexible enough to support your business needs today and in the future, the RFID reader offers outstanding value with a low cost per read point, investment protection and superior total cost of ownership (TCO). And the FX7400 expands our RFID fixed reader portfolio to serve both business-class and industrial environments.

EASY TO USE, DEPLOY AND MANAGE
The FX7400 is easy to mount and manage. The reader simply snaps into the supplied bracket. An auto discovery function helps detect devices once they are plugged into the network; pre-defined configuration files simplify setup for various applications and environments and a testing tool lets you verify that your FX7400 readers are up, running and ready to put into operation. No outlet nearby? No problem. Integrated Power over Ethernet (PoE) gives businesses the freedom to place the FX7400 wherever it is needed most, without the hassle or cost associated with installing power outlets — ideal for the large open common areas in retail storefronts. LLRP (low level reader protocol) support delivers seamless integration with your existing IT infrastructure, including wireless LANs and standard middleware, such as IBM WebSphere and Microsoft BizTalk. And the ability to host third party applications further simplifies application deployment, allowing you to easily customize applications to meet your business needs today and tomorrow.

A SMART INVESTMENT WITH A LOW TOTAL COST OF OWNERSHIP (TCO)
With the FX7400, you get big business benefits — effortless real-time accurate inventory visibility and a superior TCO. A choice of either two or four monostatic ports lets you purchase only what you need, no more no less. With the integrated optically isolated General Purpose Input/Output (GPIO) interface, there’s no need to purchase, install and manage additional hardware.
A flexible radio architecture minimizes the complexity of multinational deployments and simplifies the technology architecture in distributed environments. Integrated PoE support provides a substantial cost savings — up to $1000 per electrical drop. And our centralized remote management tools significantly reduce IT management time and cost.

**END-TO-END LIFECYCLE SUPPORT**

No matter what help you might need, we have you covered. Our full suite of services offers ‘from the manufacturer’ expertise throughout the entire lifecycle of your solution — from assessment, commissioning and rollout to ongoing training and day-to-day support. Our RFID Advanced Services provide the assistance you need to architect your solution for your business, processes and environment, ensuring that your pilot or full-scale rollout is designed to deliver peak performance — and maximum benefits. And post deployment, Motorola’s Support Services provide the everyday support you need to keep your RFID solution up and running day in and day out, with service programs that include 24x7 on-site coverage and preventive maintenance visits.

For more information on how the FX7400 RFID Reader can benefit your business, please visit us on the web at [www.motorolasolutions.com/FX7400](http://www.motorolasolutions.com/FX7400) or access our global contact directory at [www.motorolasolutions.com/contactus](http://www.motorolasolutions.com/contactus).

### SPECIFICATIONS CHART

#### PHYSICAL CHARACTERISTICS

- **Dimensions**: 7.7 in. L x 5.9 in. W x 1.7 in. D (19.56 cm L x 14.99 cm W x 4.32 cm D)
- **Weight**: 1.8 lbs ± 0.1 lbs (0.82 kg ± 0.05 kg)
- **Housing Material**: Die-cast aluminum, sheet metal and plastic
- **Visual Status Indicators**: Multicolor LEDs: Power, Activity, Status and Applications
- **Mounting**: Keyhole and standard VESA (75mm x 75mm)

#### CONNECTIVITY

- **Communications**: 10/100 BaseT Ethernet (RJ45) w/ PoE support; USB Client (USB Type B)
- **General Purpose I/O**: 2 inputs, 2 outputs, optically isolated (Terminal Block)
- **Power Supply**: +24Vdc or POE (IEEE 802.3af)
- **Antenna Ports**: FX 7400-4: 4 mono-static ports (Reverse Polarity TNC)  
  FX 7400-2: 2 mono-static ports (Reverse Polarity TNC)

#### ENVIRONMENTAL

- **Operating Temp.**: -4° to +131° F/-20° to +55° C
- **Storage Temp.**: -40° to +158° F/-40° to +70° C
- **Humidity**: 5-95% non-condensing

#### REGULATORY COMPLIANCE

- **Safety**: UL 60950-01, UL 2043, IEC 60950-1, EN 60950-1
- **RF/EMI/EMC**: FCC Part 15, RSS 210, EN 302 208, ICES-003 Class B, EN 301 489-1/3
- **SAR/MPE**: FCC 47CFR2.10 Bulletin 65, EN 50364
- **Other**: ROHS, WEEE

**HARDWARE, OS AND FIRMWARE MANAGEMENT**

- **Memory**: Flash 64 MB; DRAM 64 MB
- **Operating System**: Microsoft® Windows® CE 5.0
- **Firmware Upgrade**: Web-based and remote firmware upgrade capabilities
- **Management Protocols**: RM 1.0.1 (with XML over HTTP/HTTPS and SNMP binding); AirBEAM firmware upgrade (Level 2 support)
- **Network Services**: DHCP, HTTPS, FTPS, SSH, HTTP, FTP, Telnet, SNMP and NTP
- **Air Protocols**: ISO 18000-6C (EPC Class 1 Gen 2, v1.2)
- **Frequency (UHF Band)**: Global Reader: 902 MHz–928 Mhz, 865 MHz–868 MHz  
  US (only) Reader: 902 MHz to 928 MHz
- **Power Output**: +15dBm to +30dBm
- **IP addressing**: Static and Dynamic
- **Host Interface Protocol**: LLRP
- **API Support**: .NET, C and Java
- **Warranty**: The FX7400-4 and FX7400-2 are warranted against defects in workmanship and materials for a period of one year (12 months) from date of shipment, provided the product remains unmodified and is operated under normal and proper conditions.

**RECOMMENDED SERVICES**

- **Support Services**: Service from the Start Advance Exchange On-Site System Support
- **Advanced Services**: RFID Design and Deployment Services

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