

# FX7500 RFID READER QUICK START GUIDE



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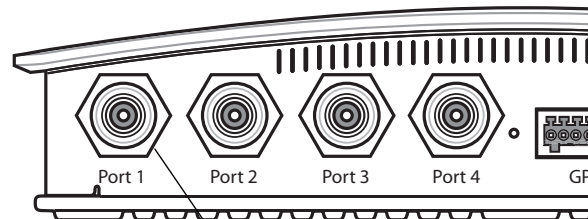


## Introduction

FX7500 Series readers provide real time, seamless tag processing for EPC Class1 Gen2 compliant tags. This Quick Start Guide provides information about installing and connecting the reader. For more information refer to the *FX Series RFID Readers Integrator Guide*, available at <http://www.motorolasolutions.com/support>

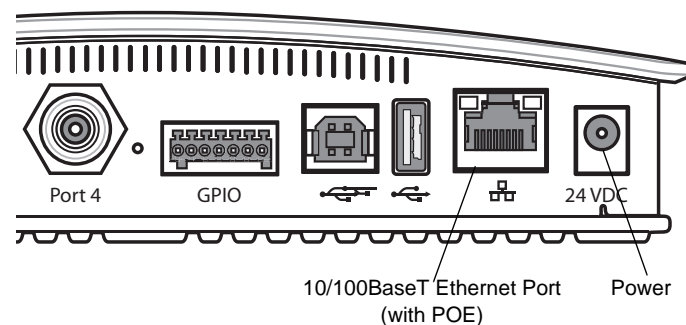
## Reader Installation

1. Unpack the reader.
2. Set up the reader and tags on a desktop.
3. Connect the antenna to antenna Port 1.



Antenna Port 1

4. Connect the Ethernet cable to the Ethernet port.  
Connecting the reader to a subnet that supports DHCP is recommended. This installation procedure is not guaranteed to work if DHCP is disabled in the reader and if the reader is connected directly to a PC.



5. Connect the AC power supply to a power outlet and connect to the power port.

✓ **NOTE** This step is not required for networks supporting Power-over-Ethernet (POE).

The green power LED remains lit after successful installation.

## Connecting to the Reader

To connect via host name:

1. Open a browser. Recommended browsers are Recommended browsers are IE10 (disabling Compatibility View is recommended), Chrome v29, and FireFox 24.
2. Enter the host name, provided on a label on the reader, in the browser (e.g., <http://fx7500cd3b0d>) and press **Enter**. The **User Login** window appears and the reader is ready.

✓ **NOTE** Connect the reader to a network that supports host name registration and lookup to ensure the network can access the reader using the host name. For instance, some networks can register hostnames through DHCP. When first connecting to the reader, it is recommended to keep DHCP enabled in both the PC and in the reader, although it is not guaranteed that host name will work all the time.

As an alternative to using the host name on the reader label, construct it using the reader MAC address on the bottom of the reader. To do this, enter the prefix FX7500, followed by the last six characters of the MAC address. For example, for a MAC address of 0023683BA63A, use the prefix FX7500, followed by 3BA63A. Enter <http://FX75003BA63A> in the browser address bar to access the reader.

## Additional Information

Following are links to additional information and software:

- Product Manuals: <http://www.motorolasolutions.com/support/fx7500>  
This page includes the following guides:
  - *FX7500 RFID Reader Quick Start Guide* (p/n MN000070xxx)
  - *FX7500 RFID Reader Integrator Guide* (p/n MN000026xxx)
  - *RFID Reader Software Interface Control Guide* (p/n 72E-131718-xx)
  - *RFID Demo Applications User Guide* (p/n 72E-160038-xx)
- Data Sheet: <http://www.motorolasolutions.com/FX7500>
- PowerSession and other related software: <http://www.motorolasolutions.com/support/fx7500>

## Regulatory Information

This provides information for the Motorola, FX series RFID Reader products, Regulatory Model No: FX7500. For information on setting up and using the reader, refer to the

*FX Series RFID Reader Integration Guide* at [www.motorolasolutions.com/support](http://www.motorolasolutions.com/support).

All Motorola devices are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required. Regulatory information is available from: [www.motorolasolutions.com/support](http://www.motorolasolutions.com/support).

Motorola devices must be professionally installed. The Radio Frequency Output Power will not exceed the maximum allowable limit for the country of operation. Any changes or modifications to Motorola equipment, not expressly approved by Motorola, could void the authority to operate the equipment.

## Regulatory Certification

The device is compliant with the following values and antenna characteristics:

FX7500	US	EU
Max Conducted RF Power at Antenna Input	+ 30.0 dBm	+29.2 dBm
Max Antenna Gain Allowed	+ 6 dBIL	+5.5 dBIL
Max Radiated Power Allowed	4W EIRP	2W ERP
Antenna Type	Circularly Polarized Plate	N/A

## Antennas

When using antennas not supplied by Motorola, the antennas must comply with all of the appropriate specifications and criteria listed in the **Regulatory Certification** table.

## Country Approvals

Regulatory markings are applied to the device signifying the radio(s) are approved for use in the following countries: United States, Canada and Europe. Local language translations are available at: [www.motorolasolutions.com/support](http://www.motorolasolutions.com/support).

Please refer to the Motorola Declaration of Conformity (DoC) for details of other country markings. This is available at: <http://www.motorola.com/doc>.

Brasil: Declarações Regulamentares para FX7500 - Brasil

Nota: A marca de certificação se aplica ao Transceptor, modelo FX7500. Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

Para maiores informações sobre ANATEL consulte o site: [www.anatel.gov.br](http://www.anatel.gov.br)

CHILE: Este equipo cumple con la Resolución No 403 de 2008, de la Subsecretaría de telecomunicaciones, relativa a radiaciones electromagnéticas.

## Korea Warning Statement for Class B ITE

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(가 )	가

## Taiwan

低功率電波輻射性電機管理辦法

第十二條

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停止使用，待改善至無干擾時方得繼續使用。

前項合法通信，指依電信規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。



Operation of the device without regulatory approval is illegal.

## Ukraine

This equipment corresponds to requirements of the Technical Regulation No. 1057, 2008 on restrictions as to the use of some dangerous substances in electric and electronic devices.

