UBIQUITI NETWORKS



TOUGHSwitch™ PoE PRO

8-Port Power over Ethernet Managed Switch PRO

Model: TS-8-PRO

QUICK START GUIDE

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Introduction

Thank you for purchasing the Ubiquiti Networks TOUGHSwitch™ PoE PRO, model TS-8-PRO. It is part of the TOUGHSwitch series:

Name	Model	Description
TOUGHSwitch PoE	TS-5-POE	5-port managed switch featuring 24V PoE
TOUGHSwitch PoE PRO	TS-8-PRO	8-port managed switch featuring 24V or 48V PoE
TOUGHSwitch PoE CARRIER	TS-16-CARRIER	Two TOUGHSwitch PoE PROs mounted in a rack

For more information, visit **www.ubnt.com**.

This Quick Start Guide is designed to guide you through the installation of the TOUGHSwitch PoE PRO and show you how to access the Configuration Interface.

Package Contents



TOUGHSwitch PoE PRO



Quick Start Guide



Power Cord

Installation Requirement

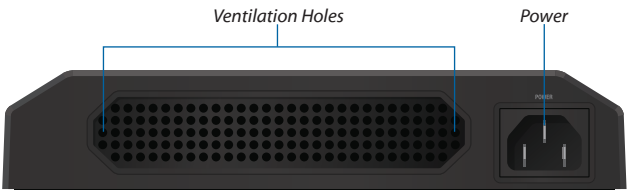
For outdoor applications, shielded Category 5 (or above) cabling should be used for all wired Ethernet connections and should be grounded through the AC ground of the power supply.

We recommend that you protect your outdoor networks from the most brutal environments and devastating ESD attacks with industrial-grade shielded Ethernet cable from Ubiquiti Networks™. For more details, visit **www.ubnt.com/toughcable**

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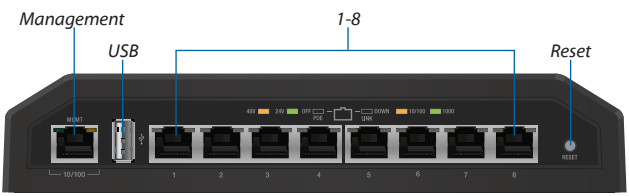
Hardware

Back Panel



Note: There are additional ventilation holes on the top and sides of the TOUGHSwitch.

Front Panel Ports



Interface	Description
Management	10/100 Mbps port for management. Traffic between the *Management* port and numbered ports will be limited to 10/100 Mbps and, under heavy load, may cause performance degradation of the TOUGHSwitch.
USB	Reserved for future use.
1-8	10/100/1000 Mbps ports for switching and PoE (also available for management by default).
Reset	To reset to factory defaults, press and hold the **Reset** button for more than five seconds while the unit is already powered on.

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Specifications

TOUGHSwitch PoE PRO	
Dimensions	210 x 185 x 41 mm
Weight	1.24 kg
Power Input	110-120VAC / 210-230VAC
Max. Power Consumption	150 W
PoE Out Voltage Range	45-48VDC / 22-24VDC
Max. PoE Wattage Per Data Port	18W
ESD Rating	24 kV Air / 24 kV Contact
PoE Method	Passive
Button	Reset
USB Port	2.0 Type A (Reserved for Future Use)
Processor	MIPS24K 400 MHz
System Memory	64 MB
Code Storage	8 MB
Certifications	CE, FCC, IC
Operating Temperature	-25 to 55°C (-13 to 131° F)
Operating Humidity	90% Non-Condensing
PoE Configurable Per Port	
Management Port	N/A
Data Ports	Off/24V/48V
LEDs Per Port	
Management Port	Power/Link/Activity
Data Ports	PoE, Speed/Link/Activity
Networking Interfaces	
Management Port	(1) 10/100 Ethernet Port
Data Ports	(8) 10/100/1000 Ethernet Ports

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