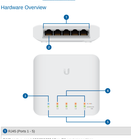
USW-Flex Quick Start Guide

Package Contents

System Requirements

- Linux, Mac OS X, or Microsoft Windows 7/8/10
- Java Runtime Environment 1.8 or above recommended
- Web Browser: Google Chrome (Other browsers may have limited functionality)
- UniFi Controller software (v5.6.30 or later) installed on a computer connected to an UniFi Gateway or UniFi Cloud Key
- UniFi Gateway software (v4.4.51 or later) installed on a gateway. For setup details, refer to the User Guide on the website: u.com/downloads/unifi

Hardware Overview

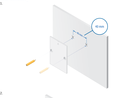


1 RJ45 (Ports 1 - 5)	
RJ45 ports support 10/100/1000 Mbps Ethernet connections.	
2 PoE in (Port 1)	
Supports 802.3afbat/at.	
3 System LED	
Steady White	Factory defaults, awaiting adoption.
Flashing White	Backup in process.
Steady Blue	Successfully adopted.
Flashing Blue	Firmware upgrade in process.
4 PoE LEDs (Ports 2 - 5)	
Off	No PoE
Amber	Powered on, IEEE 802.3af
5 Link/Speed/Activity LEDs (Ports 1 - 5)	
Off	No Link
Green	Link established at 10/100/1000 Mbps Flashing indicates activity

Hardware Installation

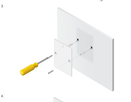
Wall Mounting

1.



2.

3.



4.

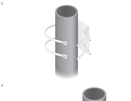
Magnetic Mounting

1.

2.

Pole Mounting

1.



2.

NOTE: For outdoor installations, please install the Port Cover prior to connecting your Ethernet cables. See Outdoor Installation.

Powering the Switch

Connecting Ethernet

NOTE: For outdoor installations, please install the Port Cover prior to connecting your Ethernet cables. See Outdoor Installation.

Outdoor Installation

1.

2.

3.

Software Installation

Download and install the latest version of the UniFi Controller software at u.com/downloads/unifi.

Note: If you already have UniFi Controller v5.10x or newer installed, skip to Adopting the UniFi Switch.

After you have installed the software and run the UniFi Installation Wizard, a login screen will appear for the UniFi Controller management interface. Enter the admin name and password that you created and click **Sign**.

You can manage your network and view network statistics using the UniFi Controller Management Interface.

To adopt the UniFi Switch, proceed to the Adopting the UniFi Switch section.

For more information on configuring the UniFi Controller software, refer to the User Guide on the website: u.com/downloads/unifi.

Adopting the UniFi Switch

1. From the UniFi Controller dashboard, click Devices in the left-menu bar.

2. On the Devices screen, scope the UniFi Switch in the list of devices under the Model column. Select the UniFi Switch. (MAC Adrdr).

3. The System LED on the UniFi Switch will turn blue to confirm that it has been successfully adopted.

Specifications

Category	Detailed
Dimensions	123.5 x 127.1 x 26.5 mm (4.9 x 5.0 x 1.1 in.)
Weight	270 g (0.6 lb)
Networking Interfaces	(5) 10/100/1000 Ports
Management Interface	Ethernet to Base
Power Method (Port 1) PoE Mode 1 PoE Mode 2 PoE Mode 3	802.3afbat (Pins 1, 2, 3, 6) 802.3bt (Pins 1 + 2, 3 + 6 and 4, 5 + 7, 8) 24V / 1.5 A PoE Adapter
PoE Out (Ports 2-5)	802.3af (Pins 1, 2, 3, 6)
Max. Power Consumption	7W
Max. PoE Output Power	
Supported Voltage Range 802.3af Mode 802.3afbe Mode	44V - 57V 50V - 57V
LED System Port Status	Status PoE, Link/Speed/Activity
ESD/EMP Protection	± 8000 V DC, ± 16kV Contact
Operating Temperature	-40 to 55 °C (-40 to 131 °F)
Operating Humidity	5 to 95% Noncondensing
Certifications	CE, FCC, IC

Safety Notices

1. Read, follow, and keep these instructions.
2. Heed all warnings.
3. Only use attachments/accessories specified by the manufacturer.

WARNING: Failure to provide proper ventilation may cause the hazard. Keep at least 20 centimeters (8 inches) clearance from other objects for ventilation.

WARNING: To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

WARNING: Do not use this product in location that can be submerged by water.

WARNING: Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.

Electrical Safety Information

1. Compliance is required with respect to voltage, frequency, and current requirements indicated on manufacturer's plate. Connection to a different power source than those specified may result in improper operation, damage to the equipment or pose a fire hazard if the limitations are not observed.
2. There are no operator serviceable parts inside this equipment. Service should be provided only by a qualified service technician.

Limited Warranty

u.com/support/warranty

The limited warranty requires the use of arbitration to resolve disputes on an individual basis, and waives applicable, specific arbitration instead of jury trials or class actions.

Compliance

FCC

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

ISED Canada

CAN ICES-3(B)/NMB-3(B).

Australia and New Zealand

CE Marking

CE marking on this product represents this product is in compliance with all directives that are applicable to it.

WEEE Compliance Statement

Declaration of Conformity

Online Resources

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