



UniFi Mission-Critical Switch

Infrastructure PoE Switch with Uninterruptible Power Supply.

UniFi Mission-Critical Switch delivers power to vital network devices while maintaining high reliability via multiple powering options: internal battery backup, AC power, and external 48VDC battery (not included). The managed Layer 2 switch offers nine Gigabit RJ45 ports: four with 802.3bt PoE++ to power UniFi Access devices, four with 802.3af/at PoE to power UniFi APs, switches, or cameras, and one for uplink to the gateway. Two AC outputs power 100-120V devices, including the modem and gateway.



The 1.3" touchscreen provides current switch states and the necessary information you need for quick diagnosis. AR (Augmented Reality) switch management simplifies network changes.

The UniFi Network Controller and UniFi Network mobile app allows admins to configure and monitor virtually all of the switch features in an intuitive graphical user interface from anywhere.

Mechanical

Dimensions 442 x 480 x 44 mm (17.4 x 18.9 x 1.7")

Weight Without Mount: 9.01 kg (19.86 lb)
With Mount: 9.2 kg (20.28 lb)

Enclosure Material SGCC Steel

Mount Material SGCC Steel

Hardware

Total Non-Blocking Throughput 9 Gbps

Switching Capacity 18 Gbps

Forwarding Rate 26.78 Mpps

Max. Power Consumption 240W

Max. Power Consumption (Excluding PoE Output) 50W (10 + 40W Internal Chargers)

PoE Budget 120W

Power Method (1) Universal AC input, 100-240VAC, 4.4A Max, 50/60 Hz
(1) DC Input for External 48VDC Battery
(1) Internal Lithium-Ion Battery, 368Wh

Power Supply Universal AC Input: AC/DC, Internal, 240W
External Battery Port: DC, External, 240W

Power Output (2) Power Control Outlets, 100-120VAC, 0.8A Max., 60Hz

Power Output Budget 80W

Networking Interfaces (9) 10/100/1000 Mbps Ethernet RJ45 Ports

PoE Interfaces (4) PoE+ IEEE 802.3af/at (Pins 1, 2+; 3, 6-)
(4) 60W PoE++ IEEE 802.3bt (Pair A 1, 2+; 3, 6-)(Pair B 4, 5+; 7, 8-)

Max PoE+ Wattage per Port by PSE (AT) 32W

Max PoE+ Wattage per Port by PSE (BT) 64W

Voltage Range 802.3af Mode 44-57V

Voltage Range 802.3at/bt Mode 50-57V

LCM Display (1) 1.3" Touchscreen
Bootup Animation: Bootup in Progress
Firmware Upgrade Icon: Firmware Upgrading
Steady White: Factory Defaults, Awaiting Adoption
Steady Blue: Device is Adopted

Management Interface Ethernet In-Band

Bluetooth



Modes	SMB Layer 2 PoE Gigabit Ethernet Switch
ESD/EMP Protection	Air/Contact: ± 24 kV
Operating Temperature	-5 to 40° C (23 to 104° F)
Operating Humidity	5 to 95% Noncondensing
Certifications	FCC, IC

LEDs

Ethernet	Green: 1 Gbps, Amber: 10/100 Mbps
PoE	Amber: IEEE 802.3af/at/bt
Power Output	Blue: Active



Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at www.ui.com/support/warranty

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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.

1. This device may not cause harmful interference, and
2. 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 A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operations of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

RF Exposure Warning

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Note: The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all WiFi product marketed in US must fixed to US operation channels only.

ISED Canada

CAN ICES-3(A)/NMB-3(A)

This device complies with ISED Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

CAN ICES-3(A)/NMB-3(A)

Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. l'appareil ne doit pas produire de brouillage;
2. l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF Exposure Warning

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be located or operating in conjunction with any other antenna or transmitter. Les antennes utilisées pour ce transmetteur doivent être installé en considérant une distance de séparation de toute personnes d'au moins 20 cm et ne doivent pas être localisé ou utilisé en conflit avec tout autre antenne ou transmetteur.