



# 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



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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

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## LEDs

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

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