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## Overview

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Layer 3, PoE switch with (48) GbE RJ45 ports, including (40) 802.3at PoE+ ports and (8) 802.3bt PoE++ ports, and (4) 10G SFP+ ports.

### Quick Specs

Figure 1 shows the appearance of USW-PRO-48-POE.

USW-Pro-48-PoE



Table 1 shows the Quick Specs.

|   |                       |
|---|-----------------------|
| Product Code                                  | USW-PRO-48-POE        |
| Power Supply                                  | AC/DC, Internal, 660W |
| Supported Voltage Range                       | 100 to 240VAC         |
| Max. Power Consumption (Excluding PoE Output) | 60W                   |
| Total Available PoE                           | 600W                  |

### Product Details

Figure 2 shows the front panel of USW-PRO-48-POE.

USW-PRO-48-POE front



Figure 3 shows the back panel of USW-PRO-48-POE.

**USW-PRO-48-POE provides these features:**

3" LCM color touchscreen with AR switch management  
 (40) GbE, 802.3at PoE+ RJ45 ports  
 (8) GbE, 802.3bt PoE++ RJ45 ports  
 (4) 10G SFP+ ports  
 USP RPS DC input  
 600W total PoE supply  
 Near-silent cooling  
 Layer 3 switching features

**Compare to Similar Items**

Table 2 shows the comparison of USW-PRO-48-POE.

| Module                       | USW-48                                   | USW-Pro-48-PoE  |
|------------------------------|--|---|
| Total Non-Blocking Line Rate | 52 Gbps                                  | 88 Gbps   |
| Max. Power Consumption       | 40W                                      | 60W (Excluding PoE Output)  |
| Forwarding Rate              | 77.376 Mpps                              | 130.944 Mpps  |
| Power Method                 | Universal AC Input: 100-240VAC, 50/60 Hz | Universal Input 100-240VAC/50-60 Hz<br>USP RPS DC Input 52VDC, 11.54A; 11.5VDC, 5.22A |
| Power Supply                 | AC/DC, Internal, 60W                     | AC/DC, Internal, 660W   |

**Get More Information**

Do you have any question about the **USW-PRO-48-POE**?

Contact us now via [Live Chat](#) or [sales@router-switch.com](mailto:sales@router-switch.com).

**Specification**

| USW-Pro-48-PoE specification           |  |
|--|--|
| <b>Mechanical</b>                      |  |
| Dimensions                             | 442.4 x 399.6 x 43.7 mm<br>(17.42 x 15.73 x 1.72")                               |
| Interfaces<br>Networking<br>Management | (48) 10/100/1000 RJ45 Ports<br>(4) 1/10G SFP+ Ethernet Ports<br>Ethernet In-Band |

|  |  |
|--|--|
| Total Non-Blocking Throughput                          | 88 Gbps  |
| Switching Capacity                                     | 176 Gbps   |
| Forwarding Rate  | 130.944 Mpps   |
| Power Method<br>Universal Input<br>USP RPS DC Input    | 100-240VAC/50-60 Hz<br>52VDC, 11.54A; 11.5VDC, 5.22A   |
| Power Supply   | AC/DC, Internal, 660W  |
| Supported Voltage Range                                | 100 to 240VAC  |
| Max. Power Consumption (Excluding PoE Output)          | 60W  |
| LEDs<br>System<br>RJ45 Data Ports<br>SFP+ Data Ports   | Status<br>PoE; Speed/Link/Activity<br>Link/Activity  |
| ESD/EMP Protection                                     | Air: ± 16 kV, Contact: ± 12 kV   |
| Shock and Vibration                                    | ETSI300-019-1.4 Standard   |
| Operating Temperature                                  | -5 to 40° C (23 to 104° F)   |
| Operating Humidity                                     | 10 to 90% Noncondensing  |
| Certifications   | CE, FCC, IC  |
| <b>PoE</b>   |  |
| Total Available PoE                                    | 600W   |
| PoE Interfaces<br>Ports 1-40<br>Ports 41-48            | POE+ IEEE 802.3af/at, (pins 1, 2+; 3, 6-)<br>60W PoE++ IEEE 802.3bt, (Pair A 1, 2+; 3, 6-) (Pair B 4, 5+; 7, 8-) |
| Max. PoE Wattage per Port by PSE<br>802.3af<br>802.3bt | 32W<br>64W   |
| Voltage Range 802.3af Mode                             | 44-57V   |
| Voltage Range 802.3af Mode                             | 50-57V   |

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