

# SW1108

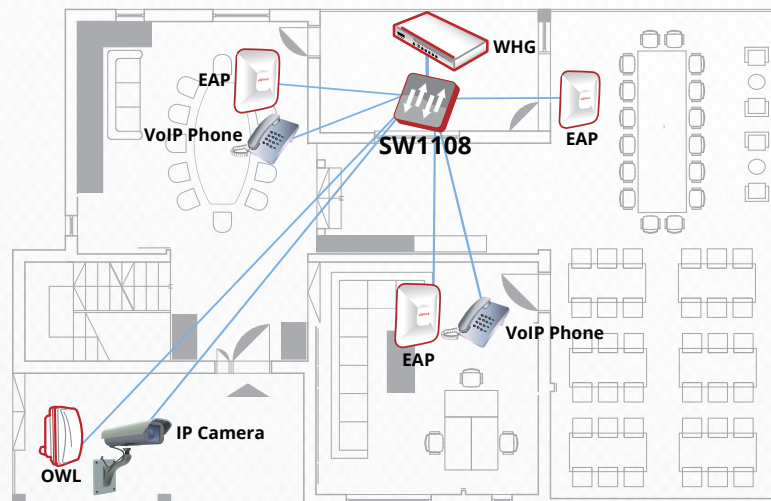
## UNIFIED ACCESS SWITCH



### INTRODUCTION

4ipnet SW1108 is an 8-port PoE+ compliant gigabit Ethernet access switch, designed specifically for small/medium sized businesses, hotels, and organizations that need to expand wired connectivity. Without any additional configuration beyond connecting Ethernet cables, the SW1108 can provide both data and power transmission between itself and peripheral devices, such as 4ipnet EAP/OWL-series access points, video surveillance systems, and VoIP phones. Uniting both wired and wireless devices at the network edge has never been easier.

The SW1108 supports a total power budget of 150 watts for up to 8 powered devices, with up to 30 watts of power for each of its IEEE 802.3af/at compliant ports. Along with its 1,488,000 pps forwarding rate, the SW1108 is one of the most robust and powerful access switches in its category. Even more surprising is that all of this is packed in a small and efficient form factor, allowing it to be placed directly on the desks of users. For those worried about noise disturbances, the SW1108's fan-less design enables it to operate in near-silence. Finally, seamless integration with 4ipnet WHG Controllers and EAP/OWL Access Points allows for the quick and easy deployment of a complete 4ipnet-based wireless edge.



### HIGHLIGHTS

- Plug-and-play deployment
- 8 PoE/PoE+ gigabit Ethernet ports
- IEEE 802.3af (PoE) and 802.3at (PoE+) compliant
- Supplies 48V DC with 30 watts per port
- Up to 150 watts total power budget
- Forwarding rate of 1.488 Mpps

### FEATURES

#### Reduced Costs with PoE/PoE+

Power-over-Ethernet (PoE) enables power and data transmission to be co-located in a single Ethernet cable, eliminating the need for separate power adaptors when deploying powered devices. Traditionally, organizations would have to install appropriate wired cabling to provide this power. Now, all that is needed is the SW1108 and Ethernet cables, greatly diminishing the cost of deployment and maintenance.

#### Simple & Easy Configuration

Getting the SW1108 up and running with peripheral devices could not be any easier - just power up the SW1108 and connect the devices with Ethernet cables. With automatic detection of PoE compatibility, the SW1108 will only provide data if the device on the other end is not PoE compatible.

#### Deployed Anywhere You Want

The fan-less design of the SW1108 enables it to operate at extremely low noise levels. Combined with the small and sleek form factor, the SW1108 be placed underneath the desk of a dense office environment without being noticed. At the same time, the SW1108 can be installed in server rooms or network operations centers by installing it to a 19" (1U) cabinet with the rack-mount kits.

### SPECIFICATIONS

PHYSICAL INTERFACES		PERFORMANCE	
10/100/1000Base-T RJ-45 Ports	♦ 8	Standards	♦ IEEE 802.3 10Base-T
PoE Ports	♦ 8		♦ IEEE 802.3u 100Base-TX
802.3af/at Compliant	♦ Yes		♦ IEEE 802.3ab 1000Base-T
Transmission Media	♦ 10Base-T Cat-3/4/5 UTP/STP	Forwarding Rate	♦ IEEE 802.3af/802.3at PoE
	♦ 100Base-TX Cat-5 UTP/STP		♦ IEEE 802.3x Flow Control
	♦ 1000Base-T Cat-5e UTP/STP		MAC Address Table Size
Max. Output Power per Port	♦ 30W	Packet Buffer	♦ 8K
Max. Output Power per System	♦ 150W	Jumbo Frame Support	♦ 128K
		Automatic PoE Detection	♦ 9K

MECHANICAL	
Dimensions (L x W x H)	♦ 280 mm x 185 mm x 44 mm
Weight	♦ 1.7 kg
Environmental Conditions	♦ Operating Temperature: -10°C (14°F) to 45°C (113°F) ♦ Operating Humidity: 10% to 90% non-condensing
LED Indicators	♦ Power ♦ Ethernet LNK/ACT ♦ PoE
Power	♦ AC Input: 100 to 240V, 50/60 Hz
Certifications	♦ FCC (United States), CE (Europe)