

LINOVISION

16 Ports UltraReach PoE Switch With Remotely Cloud Management **Quick Guide** (POE-SWR420UR)



Quick Guide

Overview

POE-SWR420UR is a 16-port UltraReach PoE switch featuring 4 IEEE 802.3af/at/bt PoE ports and 12 IEEE 802.3af/at PoE ports, plus 2 Gigabit combo uplink ports (RJ45/SFP). Leveraging Linovision's proprietary UltraReach PoE technology, it delivers both power and data over a single cable for up to 800m (2,600ft). With 4 ports delivering up to 90W each (BT), it supports demanding devices like PTZ cameras, PoE lighting, wireless APs, monitors, and VoIP phones, all powered from a total 300W PoE budget. The switch is cloud-manageable via web GUI or RemoteMonit CLOUD, offering VLAN/QoS control and per-port PoE management. Dual Gigabit RJ45/SFP combo uplinks provide flexible uplink options.

Package Contents



POE-SWR420UR



Power Adapter

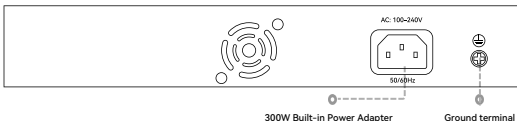
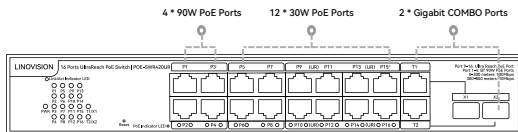


Rack Mount Accessory

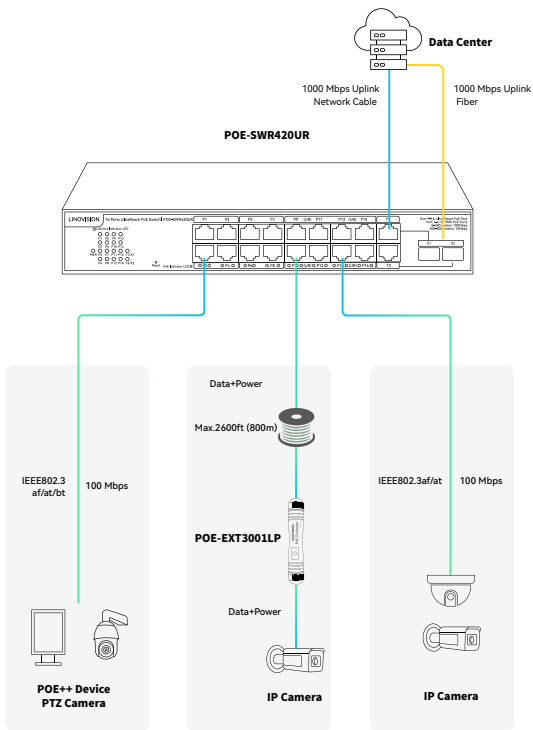


Quick Guide

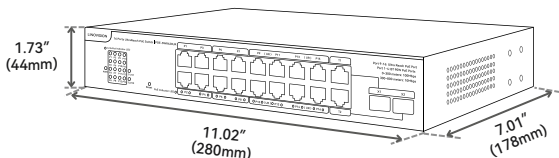
Interface



Connection Diagram



Dimension



Data Sheet

Mechanical	
Material	Metal
Weight	1.8kg(3.97lb)
Dimension	11.02"x7.01"x1.73"(280x178x44mm)
Number Of Fans	1
Fan Speed	5000
Operating Temperature	32°F to 104°F (0°C to +40°C)
Storage Temperature	-40°F to 158°F (-40°C to +70°C)
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 90% non-condensing
Interfaces	
Input Power Supply	AC: 100-240V 50/60Hz (5.45A Max)
Network	16 * 10M/100Mbps RJ45 Port 2 * 1000Mbps Combo Port
Indicator	PWR(Green), LNK/ACT(Green), PoE(Orange)
Standard	IEEE802.3,IEEE802.3i,IEEE802.3u,IEEE802.3x,IEEE802.1q,IEEE802.1p,IEEE802.3af,IEEE802.3at,IEEE802.3bt
Ethernet	
PoE Output Ports	Port 1-4: PoE++, IEEE 802.3af/at/bt Port 5-16: PoE+, IEEE 802.3af/at, Mode A(Pins 1/2[+], 3/6[-])
Power Supply	300W
PoE Power Budget	250W

Switching Features	
MAC Address Table	8K
Packet Buffer	4Mbits
Jumbo Frame	9216Byte
Switching Capacity	7.2Gbps
Packet Forward Speed	5.36Mpps
Environment	
Surge Protection	Differential mode $\pm 2KV$, Common mode $\pm 4KV$
Electrostatic Standard	Contact $\pm 6KV$, Air $\pm 8KV$
MTBF	>50000 hours