SCOOP SWITCH

Scoop's SPS-16G2S is an unmanaged 16 port Gigabit Ethernet PoE switch with 2x SFP Uplink ports. Each of these PoE ports are 802.3af/at compliant which enables them to auto-detect and identify whether the connected device is compatible and requires power. The total PoE budget is 150W and up to a maximum of 30W per port.
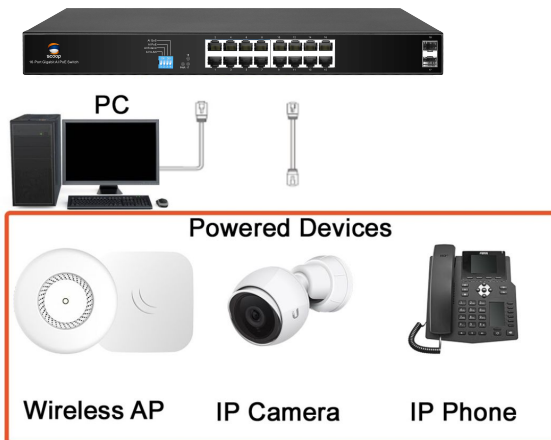

SPECIFICATIONS

Network Ports	16x 10/100/1000 Mbps 802.3af/at PoE RJ45 ports (ports 1 ~ 16)
	2x Gigabit SFP uplink ports (Ports 17~18)
Performance	Bandwidth: 36 Gbps (non-blocking)
	Packet forwarding rate: 26.8Mpps
	Forwarding mode: Storage forwarding
	MAC address capacity: 8K
Network protocol and standard	802.3i
	802.3u
	802.3ab
	802.3x
	802.3af/at
LED indicators	Power
	PoE
	Link/Act
Power	Max power per port: 30W
	Total power budget: 150W
	Voltage: 100-240V / 50-60Hz
Dimensions	440mm x 180mm x 44mm (L x W x H)
Environment	Operating Temperature: 0°~40°C
	Operating Humidity: 10%~ 90% (Non-condensing)

FEATURES

- **AI Extend:** PoE transmission distance of ports 1-8 can be increased to up to 250 meters at 10Mbps.
- **AI VLAN:** Enables Port Isolation on Ports 1-16.
- **AI QOS:** Prioritizes network bandwidth based on network usage history and analytics.
- **AI PoE:** Automatically restarts a PoE powered device if no data passes through the port for a set time.
- IEEE 802.3af/at PoE.
- Supports Auto MDI/MDIX.
- Rack Mountable.

CONNECTION DIAGRAM

INDICATOR STATUS

Indicator	Title	Colour	Work State	Description
POWER	Power Indicator	Red	On	Power is normal
			Off	Check mains power and ensure the power socket connection is secure
LINK/ACT	Connection Indicator	Green	Blinking	Valid link is established
			Off	Check the corresponding RJ45 port and cable being used to power the device. Make sure your end device is working prior to connecting to the switch

USAGE GUIDELINES

- Always use the included power supply.
- Designed for indoor use only.
- Not recommended for installations in harsh environments.
- Ensure connected devices do not exceed the PoE budget.

WARRANTY INFO

All switches carry a 1 year limited warranty which covers manufacturing defects. Devices damaged due to power surges, black outs, lightning, negligence or improper installation, will not be exchanged under warranty.