



Surveillance PoE Switch

GS1300 / GS1350 Series

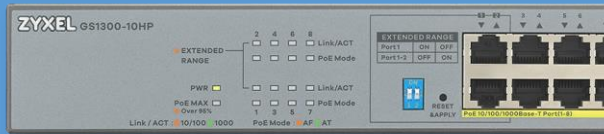
Challenges for Surveillance Market.

- Installers need a reliable power source (PoE Switch) to power IP Cameras.
- Low cost PoE switches often make surveillance network unstable due to their lack of switch design expertise. Many installers look to use PoE injectors which is more complex and costly to install.
- Surveillance installers miss surveillance specific functionality and often only need a subset of traditional functions that smart managed switches offer.
- Hard to support Non-PoE standard IP Cameras with switches and are forced to use IP Camera PoE injector.



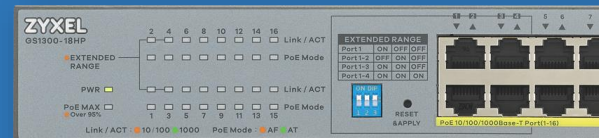
GS1300 Unmanaged Surveillance Switch

GS1300-10HP



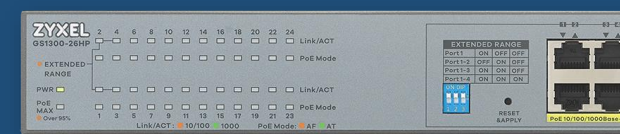
- **Port Config:**
8 x PoE
2 x Uplink (SFP + Copper)
- **Management:**
Unmanaged
- **PoE Budget:**
130W (consumption)
- **PoE Modes:**
802.3af/at

GS1300-18HP



- **Port Config:**
16 x PoE
2 x Uplink (SFP + Copper)
- **Management:**
Unmanaged
- **PoE Budget:**
170W (consumption)
- **PoE Modes:**
802.3af/at

GS1300-26HP



- **Port Config:**
24 x PoE
2 x Uplink (2 x SFP)
- **Management:**
Unmanaged
- **PoE Budget:**
250W (consumption)
- **PoE Modes:**
802.3af/at



Extended Range (250M).

Supports extended PoE range supporting up-to 250M (250M@10Mbps, standard based).

Available on both unmanaged version via DIP switch and managed via Interface.



GS1350 Managed Surveillance Switch

GS1350-6HP



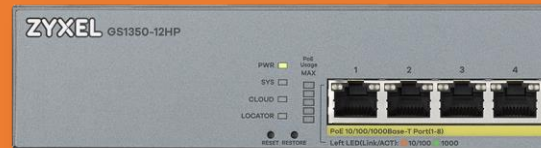
- **Port Config:**
5 x PoE
1 x Uplink (SFP)

- **Management:**
Web Interface (Basic L2)
Command Line (CLI)
Nebula (NCC)*

- **PoE Budget:**
60W (2x modes)

- **PoE Modes:**
802.3af/at/bt

GS1350-12HP



- **Port Config:**
8 x PoE
4 x Uplink (2 x SFP, 2 x Copper)

- **Management:**
Web Interface (Basic L2)
Command Line (CLI)
Nebula (NCC)*

- **PoE Budget:**
130W (2x modes)

- **PoE Modes:**
802.3af/at

GS1350-18HP



- **Port Config:**
16 x PoE
2 x Uplink (2 x Combo)

- **Management:**
Web Interface (Basic L2)
Command Line (CLI)
Nebula (NCC)*

- **PoE Budget:**
250W (2x modes)

- **PoE Modes:**
802.3af/at

GS1350-26HP



- **Port Config:**
24 x PoE
2 x Uplink (2 x Combo)

- **Management:**
Web Interface (Basic L2)
Command Line (CLI)
Nebula (NCC)*

- **PoE Budget:**
375W (2x modes)

- **PoE Modes:**
802.3af/at

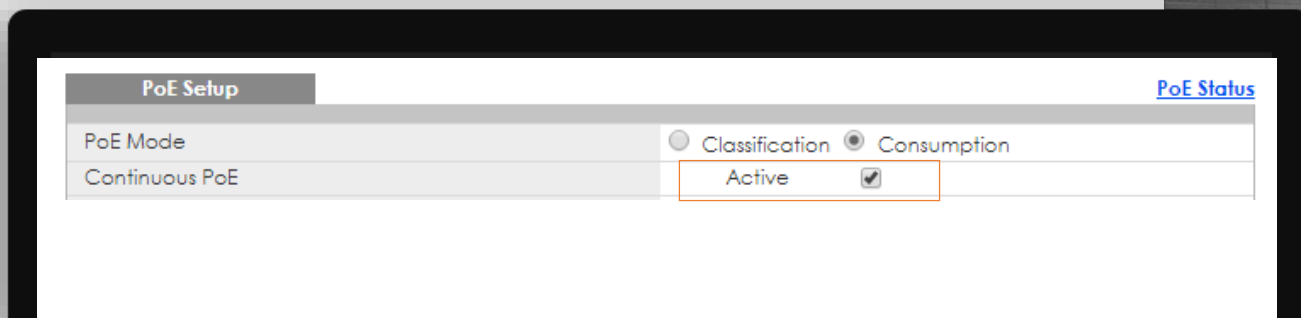
* Support for Nebula (NebulaFlex) to be released in 2020



Continuous PoE.

Guarantee uninterrupted power delivery to cameras and other sensors when the switch undergoes maintenance.

- ✓ Reload configuration file
- ✓ Return to factory default
- ✓ Firmware upgrade
- ✓ Abnormal reboot





Camera Status.

Displays the summary of devices connected on each port, Including Camera (PD) Health, PoE Draw, System Name and the IP address of connected Camera (PD).

Displays the Camera (PD) operational status

Switch Neighbor										Status Neighbor Detail	
Port	Port Name	PD Health	Link	PoE Draw	System Name	IP	PWR Cycle	Reset to Default			
1	East_Hallway	●	1G/F	3300	Axis Q6128-E	192.168.1.201	Cycle	Reset			
2	Entrance	●	Down	3900	Axis Q6128-E	--	Cycle	Reset			
3	--	--	Down	0	--	--	Cycle	Reset			





Auto Camera Recovery.

Auto Camera (PD) Recovery, switch can auto detect and reboot IP-CAM in case of camera failure.

Allows the automatic detection of IP-CAM status via LLDP

Using Ping allows the Auto Camera (PD) Recovery to work for all brands of cameras

Auto PD Recovery									
Auto PD Recovery									
Active ☒									
Port	Active	Mode	Neighbor	Polling Interval (sec)	Polling Count	Action	Resume Polling Interval (sec)	PD Reboot Count	Resume Power Interval (sec)
1	☐	☒ LLDP ☐ Ping		20	3	Reboot-Alarm Alarm	600	1	10
2	☒	☐ LLDP ☒ Ping	NWA5123-AC 192.168.1.200	10	2	Reboot-Alarm Alarm	600	1	10

Avoid continuous reboot of defective Camera (PD)

Ensure power discharge completely



4 x Surge Protection*

Enhanced Surge Protection (4x standard), additionally the GS1350 series has enhanced Electrostatic Discharge (ESD) protection (2X standard).

* Supported on GS1350 models only



Surveillance Switch Specs

	UNMANAGED			MANAGED			
Model	GS1300-10HP	GS1300-18HP	GS1300-26HP	GS1350-6HP	GS1350-12HP	GS1350-18HP	GS1350-26HP
Port Config	8	16	24	5	8	16	24
Uplink port	1 SFP 1 copper	1 SFP 1 copper	2 SFP	1 SFP	2 SFP 2 copper	2 combo	2 combo
PoE Power Budget	130 W	170 W	250W	60 W	130 W	250 W	375 W
Power supply	Internal	Internal	Internal	External	Internal	Internal	Internal
S/W Features	-			- PoE management for surveillance - Support IEEE 802.3bt (GS1350-6HP) - Basic L2, support Web, CLI management - NebulaFlex (support in 2020)			
H/W Features	- Higher PoE PWR budget than 1100/1900 - Internal PWR supply - PoE Max LED - Extended range - Wide Temperature range(-20 to 50°C)			- ESD/Surge protection - PoE usage LED - Last good button - Extended range - Wide Temperature range(-20 to 50°C)			