

# Lite Managed PoE Switch Series

Gigabit Ethernet, 802.3 at/bt hybrid, Extend PoE 250M

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AW-GEL-065A-060

AW-GEL-105A-110

AW-GEL-205A-260

AW-GEL-285A-380

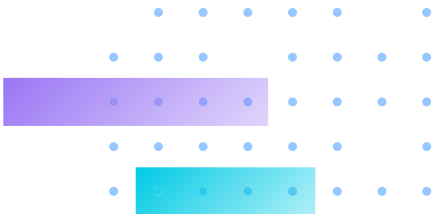


# Technical Specifications

Model		AW-GEL-065A-060	AW-GEL-105A-110	AW-GEL-205A-260	AW-GEL-285A-380
Product Description		4xGE PoE + 2xGE UTP Lite Managed Switch	2xGE bt 90W PoE + 6xGE 30W PoE + 1xGE UTP + 1xGE SFP Lite Managed Switch	4xGE bt 90W PoE + 12xGE 30W PoE + 2xGE UTP + 2xGE SFP Lite Managed Switch	4xGE bt 90W PoE + 20xGE 30W PoE + 2xGE UTP + 2xGE SFP Lite Managed Switch
<b>Port Configuration</b>					
10M/100M/1G PoE port		4	8	16	24
10M/100M/1G RJ45 Port		2	1	2	2
100M/1G SFP Port		-	1	2	2
IEEE Standard	IEEE 802.3x IEEE 802.3u IEEE 802.3ab	V	V	V	V
Total Ports		6	10	20	28
<b>HW Performance</b>					
Switching Bandwidth		12 Gbps	20 Gbps	40 Gbps	56 Gbps
Buffer Memory		1 Mb	1.5 Mb	4.1 Mb	4.1 Mb
MAC Address		8k	8K	8K	8K
Jumbo Frames		9216 Bytes	9216 Bytes	9216 Bytes	9216 Bytes
<b>Lite Managed Features</b>					
VLAN	802.1Q Tag-based VLAN	4096 VLAN IDs	4096 VLAN IDs	4096 VLAN IDs	4096 VLAN IDs
	Port-based VLAN	V	V	V	V
Spanning Tree Protocol	IEEE 802.1d (STP)	V	V	V	V
	IEEE 802.1w (RSTP)	V	V	V	V
Link Aggregation Control Protocol		V	V	V	V
QoS	CoS port-based	V	V	V	V
	CoS 802.1p-based	V	V	V	V
	CoS DSCP-based	V	V	V	V
Loop Protection		V	V	V	V
Flow Control		V	V	V	V
Strom Control		V	V	V	V
Port-Based Mirroring		V	V	V	V
Port Isolation		V	V	V	V
Bandwidth Control		V	V	V	V
Satic MAC		V	V	V	V
<b>PoE Management</b>					
PoE On/Off Control		V	V	V	V
PoE Auto Checking		V	V	V	V
Non-Stop PoE		V	V	V	V

# Technical Specifications

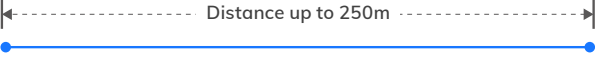
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Extend PoE Mode (250M)	V	V	V	V
<b>PoE Function</b>				
IEEE 802.3 PoE Standard Compliant	802.3 af/at	802.3 af/at/bt	802.3 af/at/bt	802.3 af/at/bt
Number of PoE Output Port	4	8	16	24
PoE Output Power	30W	Port 1-2 bt 90W Port 3-8 at 30W	Port 1-4 bt 90W Port 5-16 at 30W	Port 1-4 bt 90W Port 5-24 at 30W
Total PoE Power Budget	60W	110W	260W	380W
PoE Pin Assignment	1/2(+), 3/6(-)	Port 1-2: 4 pairs 1/2 (-), 3/6 (+) and 4/5 (+), 7/8 (-) Port 3-8: 2 pairs 1/2 (-), 3/6 (+)	Port 1-4: 4 pairs 1/2 (-), 3/6 (+) and 4/5 (+), 7/8 (-) Port 5-16: 2 pairs 1/2 (-), 3/6 (+)	Port 1-4: 4 pairs 1/2 (-), 3/6 (+) and 4/5 (+), 7/8 (-) Port 5-24: 2 pairs 1/2 (-), 3/6 (+)
PoE Surge protection	4KV Per PoE port	4KV Per PoE port	4KV Per PoE port	4KV Per PoE port
<b>Environmental Specifications</b>				
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)	0°C ~ 50°C (32°F ~ 122°F)	0°C ~ 50°C (32°F ~ 122°F)	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)	-20°C ~ 70°C (-4°F ~ 158°F)	-20°C ~ 70°C (-4°F ~ 158°F)	-20°C ~ 70°C (-4°F ~ 158°F)
Operating Humidity	10 ~ 90% RH	10 ~ 90% RH	10 ~ 90% RH	10 ~ 90% RH
<b>Mechanical Specifications</b>				
Dimensions	200 (W) x 118 (D) x 44 (H) mm	270 (W) x 181 (D) x 44 (H) mm	440 (W) x 210 (D) 44 (H) mm	442 (W) x 212 (D) 44 (H) mm
Weight	0.66 kg	1.15 kg	2.67 kg	2.74 kg
<b>Power Source</b>				
AC Input	100V ~ 240V	100V ~ 240V	100V ~ 240V	100V ~ 240V
Frequency	50 ~ 60 Hz	50 ~ 60 Hz	50 ~ 60 Hz	50 ~ 60 Hz
Power Consumption	65W	120W	280W	400W
<b>Certifications</b>				
Certifications	CE, FCC, LVD, VCCI	CE, FCC, LVD, VCCI	CE, FCC, LVD, VCCI	CE, FCC, LVD, VCCI
<b>Warranty</b>				
Warranty	24 months	24 months	24 months	24 months
<b>Accessories</b>				
Included Accessories	Power Cord, QIG, Rack Mount Kit	Power Cord, QIG, Rack Mount Kit	Power Cord, QIG, Rack Mount Kit	Power Cord, QIG, Rack Mount Kit



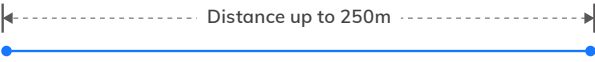
# Application

## Extend PoE Mode

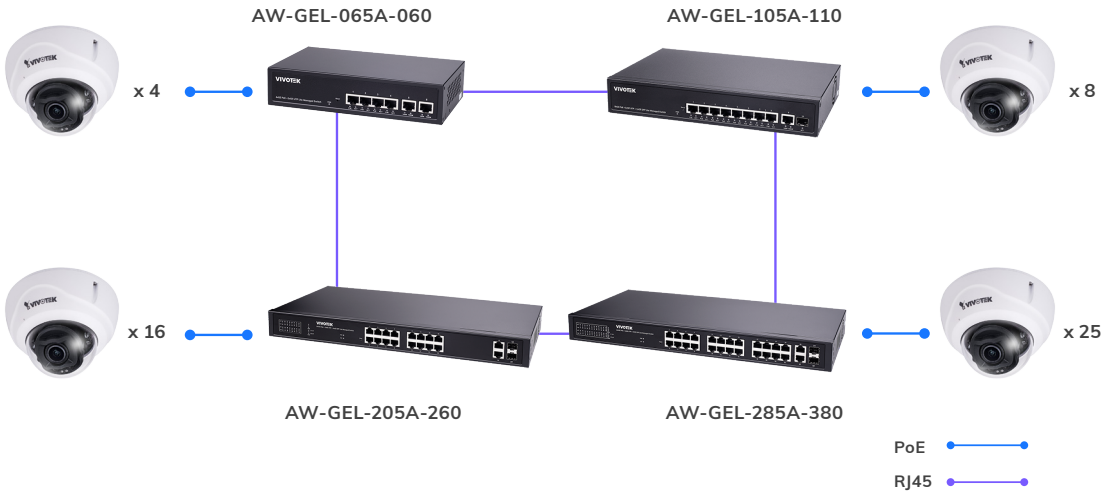
Extend General Camera up to 250m



Extend Speed Dome Camera up to 250m with bt 90W



## Spanning Tree Protocol with cable redundancy



## Compatible Accessories

### SFP Transceiver

