



AW-GEV-108A-130

10 Ports VIVOCAM L2 Managed PoE Switch



Technical Specifications

Product Information	
Segment	L2 Managed PoE Switch
Product Description	2xGbE bt 90W PoE + 6xGbE PoE + 2xGbE Combo VivoCam L2 Managed PoE Switch
Port Configuration	
PoE Port Ethernet	8xGbE PoE
Uplink Port Ethernet	2xGbE Combo
Total Ports	10
Console port	1xRJ45
PoE Function	
PoE Port	8
Max. PoE Output Power	Port 1-6 at 30W Port 7-8 bt 90W
PoE Power Budget	130W
PoE Standard	80.23 af/at/bt
PoE Pin Assignment	Port 7-8 bt: 4 pairs 1/2 (+), 3/6 (-) and 4/5 (+), 7/8 (-) Port 1-6 af/at: 2 pairs 1/2 (+), 3/6 (-)
Surge Protection	6KV
HW Performance	
Switching Bandwidth	20Gbps
Buffer Memory	4.1Mb
Forwarding Rate	14.88 Mpps
MAC Address	8K
Jumbo Frames	9216 Bytes
Max. Power Consumption	150W

Surveillance Features	
Management	
Auto Search VIVOTEK Device	up to 256 pcs
PoE Reboot	✓
Surveillance Device Management List	✓
DHCP Server Function	✓
VIVOTEK Device Account/Password Setting	✓
VIVOTEK Device Grouping Setting for VLAN	✓
VIVOTEK Device Name Edit	✓
VIVOTEK Camera/Video Server Reboot/Restore Default	✓
VIVOTEK Device Re-direct Link	✓
VIVOTEK Device On/Off Line Status	✓

E-Map View	
Topology View	✓
Floor View	✓
Google Map View	✓

Maintenance	
VIVOTEK Camera/Video Server Configuration File Export/Import	✓
Floor Image Management	✓
Export Surveillance Management Device List	✓
Cable Diagnostics	✓
Traffic Monitoring	✓

L2 Managed Features	
Spanning Tree	
IEEE802.1D (STP)	✓
IEEE802.1w (RSTP)	✓
IEEE802.1s (MSTP)	✓

Trunking	
IEEE802.1d (LACP)	✓
Static Aggregation	✓

VLAN		
802.1Q Tag-based VLAN		4096 VLAN IDs
Port-based VLAN	✓	
Private VLAN Edge (PVE)	✓	
GARP VLAN	✓	
Q-in-Q (Double Tag)	✓	
Protocol-based VLAN	✓	
MAC-based VLAN	✓	
Voice VLAN	✓	
IP Subnet-based VLAN	✓	
Multicast VLAN Registration (MVR)	✓	
IGMP Snooping (v1/v2)	✓	
DHCP Relay	✓	
MLD v1/v2 Snooping	✓	

QoS Features		
Hardware Queues	8	
Classification		
Port Based	✓	
802.1p	✓	
Rate Limiting		
Ingress	✓	
Egress	✓	
Per Port	✓	
Priority Queue Scheduling		
WRR	✓	
DSCP & Class of Service	✓	

Security	
IEEE802.1x RADIUS Authntication	✓
IEEE802.1x IGMP-RADIUS Based	✓
Secure Sockets Layer (SSL)	✓
Port Security	✓
IP Source Guard	✓
Storm Control	✓
Layer 2 Isolation Private VLAN Edge (PVE)	✓
RADIUS/TACACS+	✓
Loop Detection	✓
DHCP Snooping	✓
ACLs	
Up to 384 Entries	✓
Source and Destination MAC, VLAN ID or IP Address, Protocol, Port	✓
(DSCP) / IP Precedence	✓
TCP/ UDP Source and Destination Ports	✓
802.1p Priority	✓
ICMP Packets	✓
Ethernet Type	✓
TCP Flag	✓

Management	
SNMP (v1, v2c, v3)	✓
RMON (1,2,3 & 9 groups)	✓
DHCP Server	✓
Port Mirroring	✓
UPnP	✓
LLDP (IEEE802.1ab)	✓
LLDP-MED	✓
S-Flow	✓
Firmware Upgrade	✓
NTP	✓

PoE Management	
PoE On/Off Control	✓
PoE Alive Checking for PD	✓
PoE Scheduling	✓
Power Delay	✓
Non-Stop PoE	✓
Extended PoE Mode (up to 250m/10mbps)	✓

Environmental Specifications	
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)
Operating Humidity	10 ~ 90% RH

Mechanical Specifications	
Dimensions	220 (W) x 44 (H) x 242 (D) mm
Weight	1.95 kg

Power Source	
Power Input	100V ~ 240V
Frequency	50 ~ 60 Hz

Certifications	
Types	UL, CE, UKCA, FCC, VCCI, LVD, ICES

Included Accessories	
Content	Power Cord, QIG, Rack Mount Kit, Console Cable