



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	802.3 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
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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)	✓
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Static Aggregation	✓
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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/v3)	✓
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
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Included Accessories

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