



AW-GEV-288A-370



28 Ports VIVOCAM L2 Managed PoE Switch

Technical Specifications

Product Information

Segment	L2 Managed PoE Switch
Product Description	4xGbE bt 90W PoE + 20xGbE PoE + 4xGbE Combo VivoCam L2 Managed PoE Switch

Port Configuration

PoE Port Ethernet	24xGbE PoE
Uplink Port Ethernet	4xGbE Combo
Total Ports	28
Console port	1xRJ45

PoE Function

PoE Port	24
Max. PoE Output Power	Port 1-20 at 30W Port 21-24 bt 90W
PoE Power Budget	370W
PoE Standard	802.3 af/at/bt
PoE Pin Assignment	Port 21-24 bt: 4 pairs 1/2 (+), 3/6 (-) and 4/5 (+), 7/8 (-) Port 1-20 af/at: 2 pairs 1/2 (+), 3/6 (-)
Surge Protection	6KV

HW Performance

Switching Bandwidth	56Gbps
Buffer Memory	4.1Mb
Forwarding Rate	41.664 Mpps
MAC Address	8K
Jumbo Frames	9216 Bytes

Max. Power Consumption	390W
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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	442 (W) x 44 (H) x 211(D) mm
Weight	3.2 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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