



AW-GTS-287A

28 Ports VIVOCAM L2+ Managed Switch



Technical Specifications

Product Information

Segment	10G L2+ Managed Switch
Product Description	20xGE SFP + 4xCombo GE + 4x10G SFP+ Layer 2 Plus Managed Switch

Port Configuration

Port Ethernet	20xGbE SFP
Uplink Port Ethernet	4xGbE Combo + 4x10G SFP
10G SFP+ Port	4
Total Ports	28
Console port	1xRS232

HW Performance

Switching Bandwidth	128 Gbps
Buffer Memory	32Mb
Forwarding Rate	95.232 Mpps
MAC Address	32k
Jumbo Frames	10056 Kytes
Max. Power Consumption	30W

Surveillance Features

Management

Auto Search VIVOTEK Device	UP to 1024 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/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	✓

Environmental Specifications	
Operating Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	10 ~ 90% RH

Mechanical Specifications	
Dimensions	44 (H) x 442 (W) x 211 (D) mm
Weight	3.1 kg

Power Source	
Power Input	100~240V AC / 24~72V DC
Frequency	50 ~ 60 Hz

Certifications	
Types	CE, FCC, LVD, VCCI

Included Accessories

Content	Power Cord, QIG, Rack Mount Kit
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