VIVOTEK
A Delta Group Company

AW-GTS-287A

28 Ports VIVOCAM L2+ Managed Switch



Technical Specifications

Product Information	
Segment	10G L2+ Managed Switch
Product Description	20xGbE SFP + 4xCombo GbE + 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	32 Mb
Forwarding Rate	95.232 Mpps
MAC Address	32 K
Jumbo Frames	10056 Bytes
Max. Power Consumption	30 W

Surveillance Features	
Management	
Auto Search VIVOTEK Device	up to 1024 pcs
PoE Reboot	Yes
Surveillance Device Management List	Yes
DHCP Server Function	Yes

VIVOTEK Device Account/Password Setting	Yes
VIVOTEK Device Grouping Setting for VLAN	Yes
VIVOTEK Device Name Edit	Yes
VIVOTEK Camera/Video Server Reboot/Restore Default	Yes
VIVOTEK Device Re-direct Link	Yes
VIVOTEK Device On/Off Line Status	Yes

E-Map View

Topology View	Yes
Floor View	Yes
Google Map View	Yes

Maintenance

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

L2 Managed Features

Spanning Tree

IEEE802.1D (STP)	Yes
IEEE802.1w (RSTP)	Yes
IEEE802.1s (MSTP)	Yes

Trunking

IEEE802.1AX (LACP)	Yes
Static Aggregation	Yes

VLAN

802.1Q Tag-based VLAN	4096 VLAN IDs
Port-based VLAN	Yes
Private VLAN Edge (PVE)	Yes
GARP VLAN	Yes
Q-in-Q (Double Tag)	Yes
Protocol-based VLAN	Yes
MAC-based VLAN	Yes
Voice VLAN	Yes
IP Subnet-based VLAN	Yes

Multicast VLAN Registration (MVR)	Yes
IGMP Snooping (v1/v2/v3)	Yes
DHCP Relay	Yes
MLD v1/v2 Snooping	Yes

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

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

Management

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

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% Non-Condensing

Mechanical Specifications

Dimensions	442 (L) x 211 (W) x 44 (H) 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	QIG, Power Cord, Rack Mount Kit

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