VIP-NET-0424-1G

1G Media Hub – 24 Port 1000Base-X SFP, 4 Port 1000Base-T, 4 Port 10GbE SFP+, TAA-compliant

The **VIP-NET-0424-1G Media Hub** is a next-generation L2+ managed fiber switch purposed-designed for AV over IP applications. The VIP-NET-0424-1G offers a full suite of L2 features, including advanced L3 functions such as Static Rout, that deliver better performance via fiber or copper connections and lower total cost of ownership in Enterprise networks.

The **VIP-NET-0424-1G** features (20) GbE SFP ports, (4) Combo GbE RJ45/SFP ports, (4) GbE/10G SFP+ ports, and a DB9 Console port with optional AC or DC power.

Key Features

• Purpose-designed for AV over IP applications; ready for use out of the box
• 10Gbe SFP+ interlinks with LACP
• Rear-facing connections for improved rack installation
• Accepts AC or DC source power
• Rich API and Diagnostics
• Extensive security features
• TAA compliant

TAA COMPLIANT

General Specifications

PORT CONFIGURATION	
100M/1G SFP PORT	20
GbE RJ45/SFP COMBO PORT	4
1G/10G SFP+ PORT	4
CONSOLE PORT	DB9
TOTAL PORTS	28

HW PERFORMANCE	
SWITCHING BANDWIDTH	128Gbps
FORWARDING PERFORMANCE	95.232Mpps
MAC ADDRESS	32K
JUMBO FRAMES	10056 Bytes

ENVIRONMENTAL	
OPERATING TEMPERATURE	-20°C to 60°C
OPERATING HUMIDITY	5 to 90% RH
STORAGE TEMPERATURE	-25°C to 70°C
STORAGE HUMIDITY	5 to 90% RH

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MECHANICAL	
DIMENSIONS (H) X (W) X (D)	1.7 x 17.4 x 8.3 in.
WEIGHT	6.8 lbs.

POWER SOURCE	
AC INPUT	100V-240V
DC INPUT	24V ~ 48V DC
DUAL INPUT	AC/DC

CERTIFICATIONS	
CERTIFICATIONS	CE/FCC Class A

L2 SWITCHING		
SPANNING TREE	IEEE802.1D (STP)	Y
	IEEE802.1W (RSTP)	Y
	IEEE802.1S (MSTP)	Y
VLAN	802.1Q VLAN	Y
	Port-Based	Y
	VLAN Entries	4K
	Private VLAN	Y
	Voice VLAN	Y
	Guest VLAN	Y
	Q-in-Q	Y
	802.1v Protocol VLAN	Y
	MAC-Based VLAN	Y
	IP Subnet-Based VLAN	Y
IEEE 802.3ad LACP	Dynamic Trunk	Y
	Static Trunk	Y
GARP/GVRP		Y
IGMP Snooping		Y
MLD Snooping		Y
Multicast VLAN Registration (MVR)		Y

L3 FEATURES		
STATIC ROUTE		Y
DHCP SERVER		Y

QoS FEATURES		
CLASS OF SERVICE	Port Based	Y
	802.1p	Y
	DSCP	Y
	TCP/UDP Port	Y
RATE LIMITING	Ingress	Y
	Egress	Y
PRIORITY QUEUE SCHEDULING	WRR	Y
	Stri Priority	Y
HARDWARE QUEUES		8

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SECURITY		
ACLs	L2/L3/L4	Y
	IPv6 Support	Y
PORT SECURITY (MAC-BASED)		Y
IP SOURCE GUARD		Y
STORM CONTROL		Y
RADIUS AUTHENTICATION 802.1X		Y
TACACS+ AUTHENTICATION		Y
HTTPS AND SSL (SECURED WEB)		Y
BPDU GUARD		Y
STP ROOT GUARD		Y
DHCP SNOOPING		Y
LOOP PROTECTION		Y

MANAGEMENT		
DHCP	Client	Y
	Relay	Y
	Option 66	Y
	Option 67	Y
	Option 82	Y
EVENT/ERROR LOG	Syslog	Y
	SMTP (RFC821)	Y
MANAGEMENT ACCESS	SNMP	Y
FILTERING	Web UI	Y
	Telnet	Y
	SSH	Y
SNMP (v1, v2c, v3)		Y
RMON (1,2,3 & 9 Groups)		Y
SOFTWARE UPGRADE		Y
CONFIGURATION EXPORT/IMPORT		Y
PORT MIRRORING		Y
LLDP (IEEE802.1AB)		Y
LLDP-MED (IEEE802.1AB)		Y
CDP AWARE		Y
sFlow		Y
IPv6 MANAGEMENT		Y
NTP		Y

DEVICE MANAGEMENT SYSTEM		
DEVICE MANAGEMENT	Topology View	Y
	Floor View	Y
	Map View	Y
	Dashboard	Y
	Traffic Monitoring	Y
	Cable Diagnostics	Y