



24 Port PoE Switch

IV-JF24POE

Features

- . Up to 30W of Power on
- . IEEE 802.3af backward compatible
- . Compatible With All IEEE 802.3af or Legacy
- . Safe: Low Power Devices Receive Only the Power They Need
- . Safe and Reliable Power to WLAN Access Points
- . Automatic Detection and Protection of Non-standard Ethernet Terminals
- . Supports 10/100 Base-T applications
- . Compact Design Fits Easily in WLAN Access
- . Plug-and-Play no configuration required
- . Internal power supply
- . Easy installation and maintenance
- . Save up to 83% power with Green Technology



Specification	IV-JF24POE
Hardware Specification	
10/100Mbps Copper Ports	16 10/ 100Base-TX RJ-45 Auto-MDI/MDI-X ports
1000Mbps Copper Ports	2 10/100/1000Mbps RJ-45 Auto-MDI/MDI-X ports
SFP/mini-GBIC Slots	2 1000Base-SX/LX, shared with Port-17~Port-18
Switch Architecture	Store-and-Forward
Switch Fabric	5.9Gbps / non-blocking
Switch Throughput	6.547Mpps @64Bytes
Address Table	8K entries
Share Data Buffer	512Kbytes
Maximum Frame Size	9K Bytes
Flow Control	Back pressure for Half-Duplex
	IEEE 802.3x Pause Frame for Full-Duplex
LED	Power, FAN Alarm
	Link/Activity (Green), PoE In-Use (Amber)
	1000 LNK / ACT(Green), 10/100 LNK / ACT(Green)
Reset Button	< 5 sec: System reboot
	> 5 sec: Factory Default
Dimension (W x D x H)	440 x 250 x 44 mm, 1U height
Weight	4 kg
Power Requirement	100~240V AC, 50-60 Hz
Power Consumption / Dissipation	250 Watts maximum / 717 BTU/hr maximum
Power over Ethernet	
PoE Standard	IEEE 802.3af Power over Ethernet / PSE
PoE Power Supply Type	End-Span

PoE Power Output	Per Port 52V DC, 350mA~560ma . Max. 15.4~30 Watts
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Budget	250 Watts
Max. number of Class 3 PD	12
Max. number of Class 4 PD	6. Max. 30W
Layer 2 Function	
Management Interface	Console, Telnet, Web Browser, SSL, SNMPv1, v2c
Port Configuration	Port disable/enable, Auto-negotiation
	10/100/1000Mbps full and half duplex mode selection
	Flow Control disable / enable
Bandwidth Control	Ingress / Egress Rate Control
	Allow to configure per 128Kbps
VLAN	IEEE 802.1Q Tag-based VLAN
	Port-based VLAN
	Q-in-Q tunneling
	Up to 255 VLANs groups, out of 4041 VLAN IDs
Link Aggregation	Static Port Trunk
	IEEE 802.3ad LACP (Link Aggregation Control Protocol)
	Supports 13 groups of 8-Port trunk support
Quality of Service	Traffic classification based on :
	Port priority, 802.1p priority
	DSCP/TOS field in IP Packet
IGMP Snooping	IGMP (v1/v2) Snooping, up to 256 multicast Groups
	IGMP Querier support
Port Mirror	RX / TX / Both
	1-to-1 mirroring
Security	IEEE 802.1x Port-Based Network access control
	Port Security
	Static MAC, MAC Filtering
	MAC / IP Binding
Access Control List	IP-Based Layer 3 / Layer 4 ACL
	Up to 220 ACL rule entries
SNMP MIBs	RFC-1213 MIB-II
	RFC-2863 Interface MIB
	RFC-2665 EtherLike MIB
	RFC-1493 Bridge MIB
	RFC-2819 RMON MIB (Group 1, 2, 3,9)
	RFC-2737 Entity MIB, POWER-ETHERNET-MIB

Standards Conformance		
Regulation Compliance		FCC Part 15 Class A, CE
Standards Compliance		IEEE 802.3: 10Base-T
		IEEE 802.3u: 100Base-TX
		IEEE 802.3z: 1000Base-SX/LX
		IEEE 802.3ab: 1000Base-T
		IEEE 802.3x: Flow Control
		IEEE 802.3ad: Port trunk with LACP
		IEEE 802.1D: Spanning tree protocol
		IEEE 802.1w: Rapid spanning tree protocol
		IEEE 802.1p: Class of service
		IEEE 802.1Q: VLAN Tagging
		IEEE 802.1x: Port Authentication Network Control
		IEEE 802.3af: Power over Ethernet
Environmental		
Operating	Temperature	32°F~122°F (0° C ~ 50° C)
	Relative Humidity	20 ~ 95%
Storage	Temperature	14°F~158°F (-10°C ~ 70° C)
	Relative Humidity	20 ~ 95% (non-condensing)
IDView Technologies • 12000 Ford Rd. Suite 110 • Dallas, TX 75234 • www.digitalidview.com		