



AW-IHT-1000

Industrial 8xGE PoE + 2xGE SFP Switch

Gigabit Ethernet • Surge Protection 12KV •
Wide Operating Temperature -40°C to 75°C

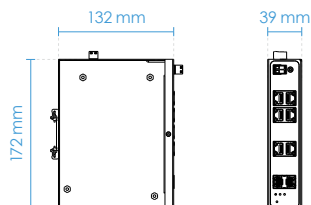
Technical Specifications

Model	AW-IHT-1000	IEEE 802.3af Power over Ethernet Plus	Supported
Networking Specifications		Power Specifications	
Gigabit Ethernet RJ45 PoE Port	8	Power Input Voltage	PW1: 48 ~ 56VDC PW2: 48 ~ 56VDC Redundant Power Backup
Gigabit SFP Port	2	Max. PoE Output Power /Per Port	54VDC, Max. 30W
Ethernet Performance		Total PoE Power Budget	240W
Switching Bandwidth	20 Gbps	IEEE 802.3af/at	Supported
Mac Table	4K	Power Pin Assignment	1/2(+), 3/6(-)
Buffer Memory	128 KB	PoE PD Auto Detection	Supported
Forwarding Capacity	14.88Mbps	Surge Protection/Per PoE Port	12 KV
Jumbo Frame	9,216 Bytes	General	
Transmission Method	Store and Forward	Operating Temperature	-40°C~ 75°C (-40°F~ 167°F)
Auto-MDI/MDI-X, Auto-Negotiation	Supported	Storage Temperature	-40°C~ 85°C (-40°F~ 185°F)
Standards		Operating Humidity	5% ~ 95% non-condensing
IEEE 802.3 10-BASE-T (Ethernet)	Supported	Dimensions	39 (W) x 172 (H) x 132 (D) mm
IEEE 802.3u 100-BASE-TX (Fast Ethernet)	Supported	Weight	0.8 kg
IEEE 802.3ab 1000-BASE-T (Gigabit Ethernet)	Supported	Certifications	
IEEE 802.3z 1000-BASE-X (Gigabit Ethernet)	Supported	EMS	EN61000-4-2 ESD, EN61000-4-3 RS, EN61000-4-4 EFT, EN61000-4-5 Surge, EN61000-4-6 CS, EN61000-4-8 PFMF
IEEE 802.3x Flow Control (Full-Duplex Flow Control)	Supported	EMI	FCC Part 15 Class A
IEEE 802.3af Power over Ethernet	Supported	Safety	CE, LVD, VCCI

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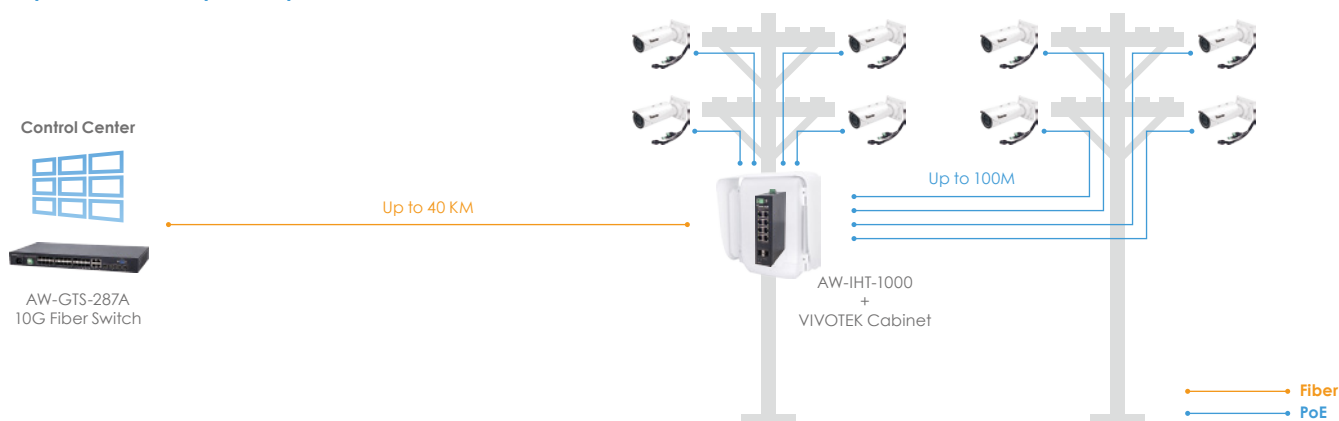
Vibration	IEC 60068-2-6
Shock	IEC 60068-2-27
Freefall	IEC 60068-2-32

Dimensions



Application

One power source to power up 8 x 802.3at PoE cameras



Compatible Accessories

Power Supply		SFP Transceiver			
NDR-240-48 Indoor Industrial Din Rail Power Supply, 48VDC/240W, -20°C ~ 70°C	HLG-240H-54 Outdoor Industrial Wall Mount Power Supply, 54VDC/240W, -40°C ~ 70°C, IP67	SFP-1000-MM85-X5I MMF, 0.5 KM, -40°C ~ 85°C	SFP-1000-MM13-02I MMF, 2 KM, -40°C ~ 85°C	SFP-1000-SM13-10I SMF, 10 KM, -40°C ~ 85°C	SFP-1000-SM13-40I SMF, 40 KM, -40°C ~ 85°C



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6F, No.192, Lien-Cheng Rd., Chung-Ho, New Taipei City, 235, Taiwan, R.O.C. | T: +886-2-82455282 | F: +886-2-82455532 | E: sales@vivotek.com | W: www.vivotek.com