

# AW-IHB-0800

Industrial 4xGE 90W bt PoE + 2xGE UTP + 2xGE SFP

IEEE 802.3bt 90W PoE • Gigabit Ethernet • Surge Protection 6KV •  
-40°C to 75°C

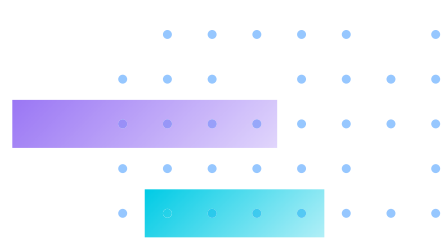
## Technical Specifications

### Networking Specifications

Gigabit Ethernet RJ45 PoE Port	4
Gigabit Ethernet RJ45 port	2
Gigabit SFP Port	2

### Ethernet Performance

Switching Bandwidth	16 Gbps
Mac Table	4 K
Buffer Memory	128 KB
Forwarding Capacity	11.904 Mpps
Jumbo Frame	9 KB
Transmission Method	Store and Forward
Auto-MDI/MDI-X, Auto-Negotiation	Supported



# Technical Specifications

## Standards

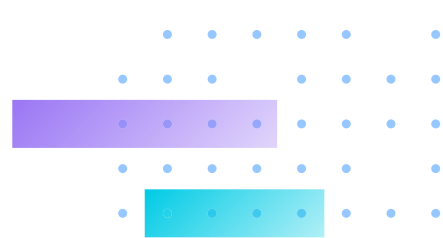
IEEE 802.3 10-BASE-T (Ethernet)	Supported
IEEE 802.3u 100-BASE-TX (Fast Ethernet)	Supported
IEEE 802.3ab 1000-BASE-T (Gigabit Ethernet)	Supported
IEEE 802.3z 1000-BASE-X (Gigabit Ethernet)	Supported
IEEE 802.3x Flow Control (Full-Duplex Flow Control)	Supported
IEEE 802.3af/at/bt Power over Ethernet	Supported
IEEE 802.3az Energy Efficient Ethernet Standard	Supported

## Power Specifications

Power Input Voltage	PW1: 48~56VDC for 30W 802.3af/at 52~56VDC for 90W 802.3bt PW2: 48~56VDC for 30W 802.3af/at 52~56VDC for 90W 802.3bt Redundant Power Backup
Number of PoE Out Ports	4 x 90W bt PoE
Max. PoE Output Power/per Port	54VDC/90W
Total PoE Power Budget	360W
Max. Power Consumption	370W
PoE Pin Assignment	1/2(-), 3/6(+), 4/5(+), 7/8(-)
PoE PD Auto Detection	Supported
Over Current Protection	Supported
Circuit Shorting Protection	Supported
Surge Protection/per PoE Port	6 KV

## General

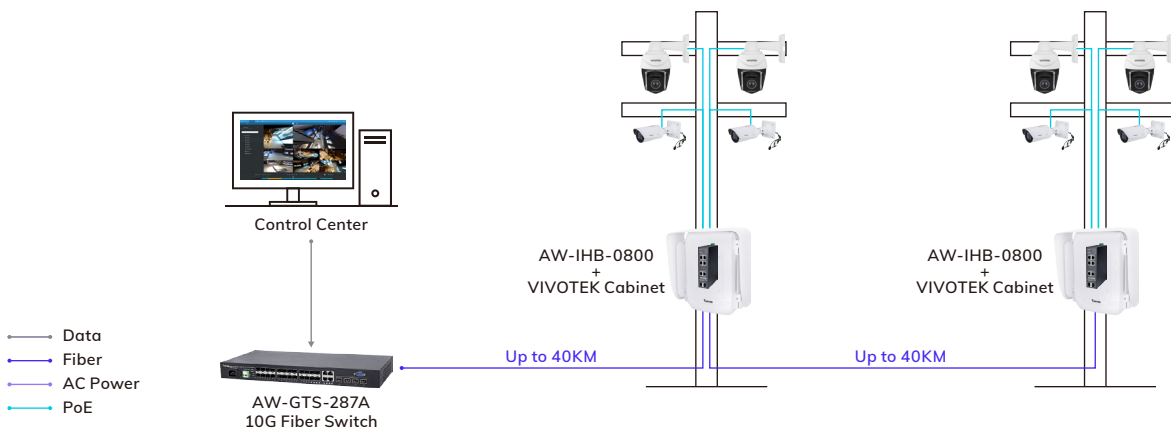
Mounting	DIN Rail/Wall Mount
Operating Temperature	-40°C~ 75°C (-40°F~ 167°F)



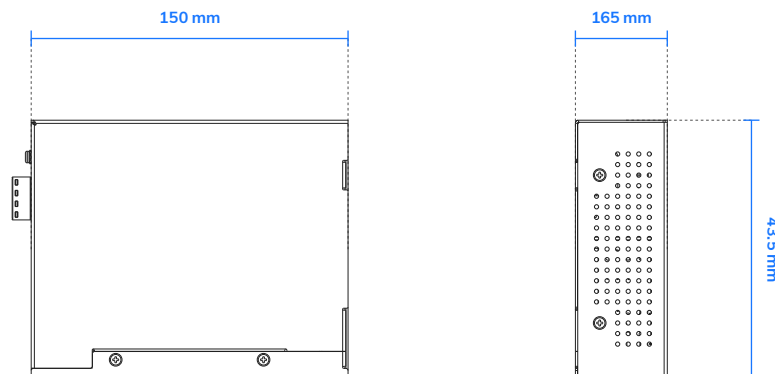
## Technical Specifications

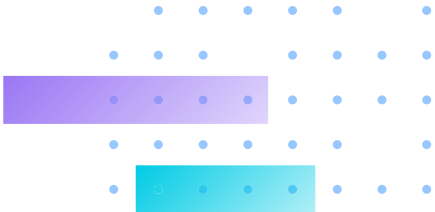
Storage Temperature	-40°C~ 85°C (-40°F~ 185°F)
Operating Humidity	5% ~ 95% non-condensing
Dimensions	122(D) x 43.5(W) x 150(H) mm
Weight	0.8 kg
Certifications	CE, FCC, LVD EN62368-1, VCCI
Warranty	24 months

## Application



## Dimensions





## Optional Accessories

### SFP Transceiver



SFP-1000-MM85-X5I  
Multimode, 0.5 km, -40°C ~ 85°C

### SFP Transceiver



SFP-1000-MM13-02I  
Multimode, 2 km, -40°C ~ 85°C

### SFP Transceiver



SFP-1000-SM13-10I  
Single Mode, 10 km, -40°C ~ 85°C

### SFP Transceiver



SFP-1000-SM13-40I  
Single Mode, 40 km, -40°C ~ 85°C

### DIN Rail Power Supply



DRL-48V120W1EN  
90 ~ 264VAC In, 43.2-52.8VDC/120W Out,  
-30°C to +70°C (-40°C Cold Start)

### DIN Rail Power Supply



DRL-48V240W1EN  
90 ~ 264VAC In, 43.2-52.8VDC/240W Out,  
-30°C to +70°C (-40°C Cold Start)

### Wall Mount Power Supply



HLG-120H-54  
90 ~ 305VAC In, 54VDC/120W Out, -40°C ~ 70°C

### Wall Mount Power Supply



HLG-240H-54  
90 ~ 305VAC In, 54VDC/240W Out, -40°C ~ 70°C