

# AW-IHB-0100

Industrial 90W bt PoE Injector

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

## Technical Specifications

### Ethernet

Gigabit Ethernet 10/100/1000Mbps (RJ45)	1
Gigabit Ethernet 100/1000Mbps (SFP)	1

### Standards

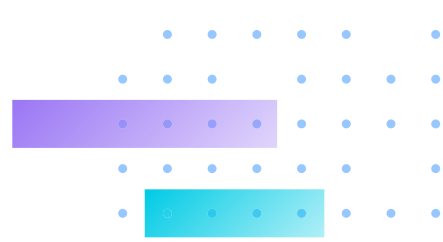
IEEE 802.3 10-BASE-T (Ethernet)	Supported
IEEE 802.3u 100-BASE-TX (Fast Ethernet)	Supported
IEEE 802.3ab 1000-BASE-T (Gigabit Ethernet)	Supported
IEEE 802.3af/at/bt Power over Ethernet	Supported

### Transmission Media

10Base T	Cat. 3, 4, 5 UTP/STP
100Base TX	Cat. 5, 5e UTP/STP
1000Base T	Cat. 5e,6,7 UTP/STP

### Power Specifications

Power Input	48~56VDC for 30W 802.3af/at 52~56VDC for 90W 802.3bt
-------------	---



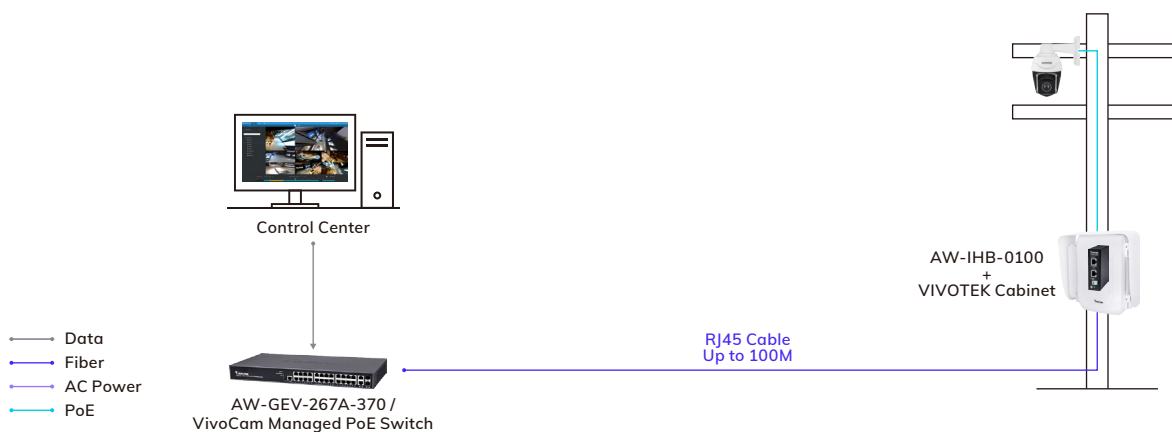
## Technical Specifications

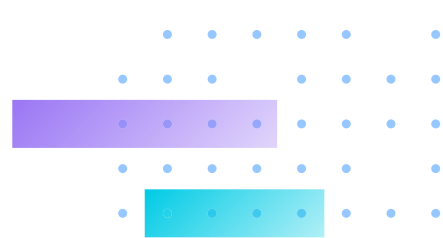
Number of PoE Out Ports	1 x 90W bt PoE
Max. PoE Output Power/per Port	54VDC/90W
Total PoE Power Budget	90W
Max. Power Consumption	95W
Power Pin Assignment	1/2(-), 3/6(+), 4/5(+), 7/8(-)
PoE PD Auto Detection	Supported
Over Current Protection	Supported
Circuit Shorting Protection	Supported
Surge Protection/per PoE Port	6KV

### General

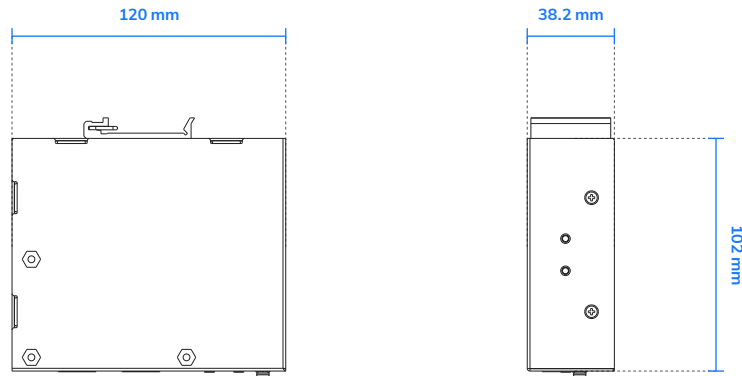
Mounting	DIN Rail/Wall Mount
Operating Temperature	-40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	10% to 90% non-condensing
Dimensions	94 (L) x 60 (W) x 28 (H) mm
Weight	0.2 kg
Certifications	CE, FCC, LVD EN62368-1, VCCI
Warranty	24 months

## 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)

### Wall Mount Power Supply



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