

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)	2
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Standards

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

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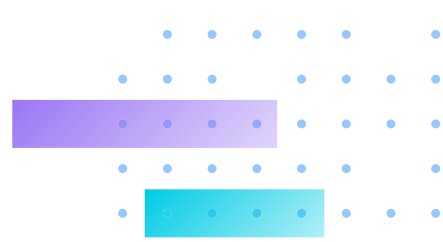
100Base TX	Cat. 5, 5e UTP/STP
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1000Base T	Cat. 5e,6,7 UTP/STP
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Power Specifications

Power Input	48~56VDC for 30W 802.3af/at 52~56VDC for 90W 802.3bt
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Number of PoE Out Ports	1 x 90W bt PoE
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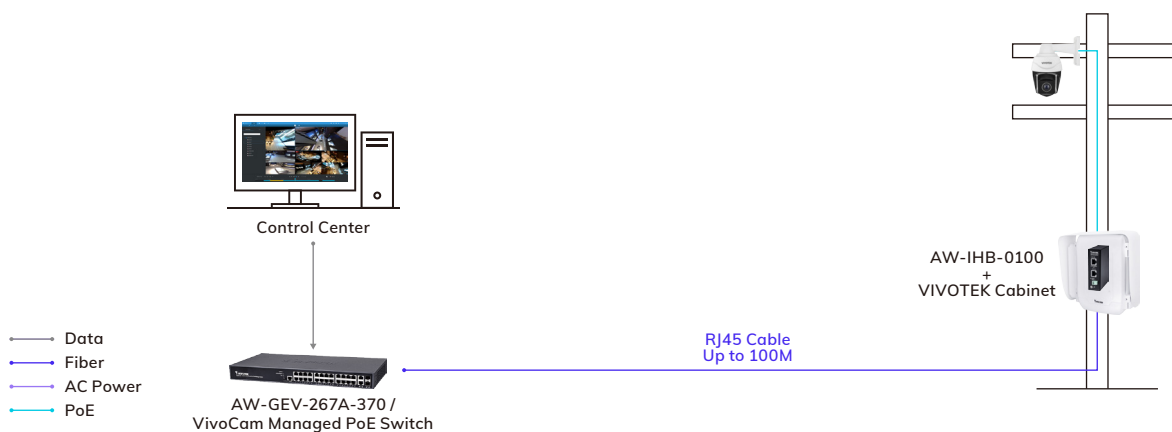
Technical Specifications

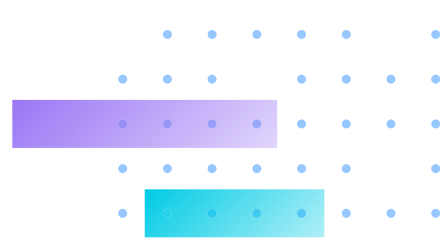
Max. PoE Output Power/per Port	54VDC/90W
Total PoE Power Budget	90W
Max. Power Consumption	95W
Power Pin Assignment	1/2(-), 3/6(+), 4/5(+), 7/8(-)
PoE PD Auto Detection	Supported
Over Current Protection	Supported
Circuit Shorting Protection	Supported
Surge Protection/per PoE Port	6KV

General

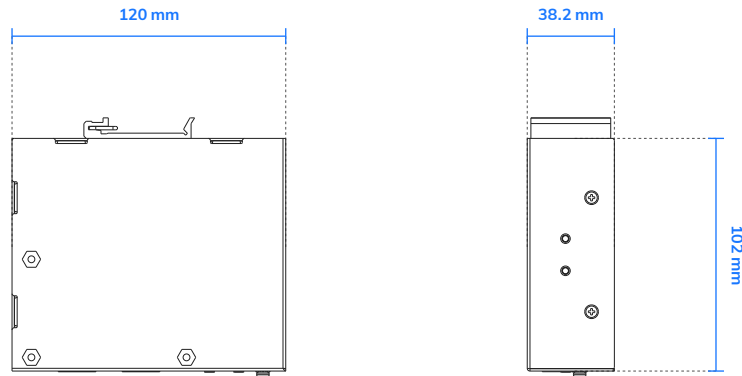
Mounting	DIN Rail/Wall Mount
Operating Temperature	-40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	10% to 90% non-condensing
Dimensions	94 (L) x 60 (W) x 28 (H) mm
Weight	0.2 kg
Certifications	CE, FCC, LVD EN62368-1, VCCI
Warranty	24 months

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