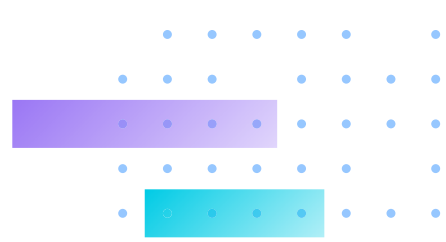


AW-IHT-1002

Industrial M12 8x D-coded PoE + 2x X-coded Switch

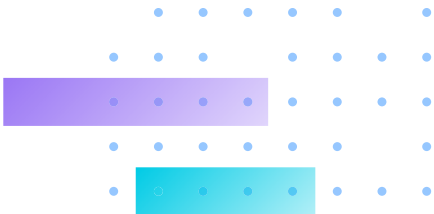
- Compliant with EN50155 & EN45545-2
- 8 x M12 10/100T(x) D-coded with IEEE 802.3 af/at
- 2 x M12 10/100/1000T(x) X-coded with Bypass Relay
- Isolated Redundant PoE Power 165W@24VDC & 190W@48VDC





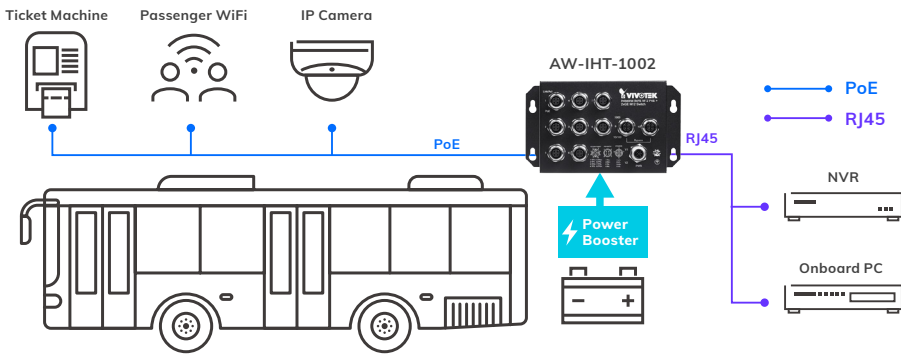
Technical Specifications

Model	AW-IHT-1002
Short Highlight	M12 8x D-coded PoE + 2x X-coded with bypass relay
Interface	
M12 Female D-coded 10/100 Mbps with PoE+	8
M12 Female X-coded 10/100/1000 Mbps	2
Ethernet Performance	
Switching Capacity	5.6 Gbps
Mac Table	16 K
Packet Buffer	12 Mbit
Forwarding Rate	4.166 Mpps
Auto-negotiation, Auto MDI/MDIX, Flow Control (Duplex)	Supported
Power Specifications	
Power Input Voltage	24/48VDC with redundant dual inputs
Power Connector	M12 Male S-coded 4-pole
Max. PoE Output Power	Max. 30W per PoE port
Power Budget	165W@24VDC, 190W@48VDC
System Power Consumption	15W
Standard	
IEEE 802.3 - 10BaseT	Supported
IEEE 802.3u - 100BaseTX	Supported
IEEE 802.3ab - 1000BaseT	Supported
IEEE 802.3af 15.4W	Supported
IEEE 802.3at 30W	Supported
General	
Operating Temperature	-40°C ~ 75°C (-49°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C (-49°F ~ 185°F)
Operating Humidity	5% to 95% non-condensing
Dimensions	181 (L) x 99 (W) x 94 (H) mm
Weight	1.2 KG
Warranty	60 months
Certifications	
Housing	IP40 protection
EMI	CE EN55032 Class A, FCC Part 15 Subpart B Class A
EMS	"IEC61000-4-2 (ESD), IEC61000-4-3 (RS) IEC61000-4-4 (EFT), IEC61000-4-5 (Surge) IEC61000-4-6 (CS), IEC61000-4-8 (Magnetic Field)"
Shock	IEC61373
Transportation Certification	EN50155, EN45545-2



Application

Bus Application



Bypass Relay with Train Application

