



AW-IHT-1000

Industrial 8xGE PoE + 2xGE SFP Switch

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

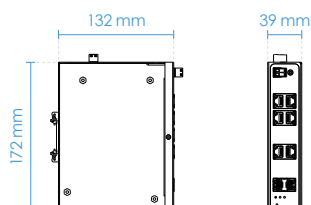
Technical Specifications

| | | | |
|---|-------------------|---------------------------------------|---|
| Model | AW-IHT-1000 | IEEE 802.3at 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 | Warranty | 24 months |
| IEEE 802.3z 1000-BASE-X (Gigabit Ethernet) | Supported | Certifications | |
| IEEE 802.3x Flow Control (Full-Duplex Flow Control) | 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 802.3af Power over Ethernet | Supported | EMI | FCC Part 15 Class A |

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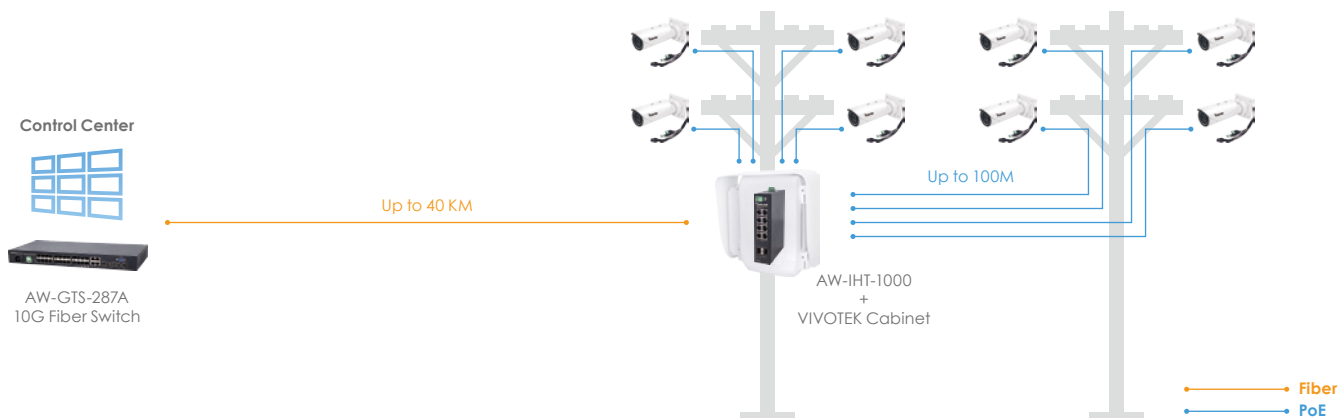
| | |
|-----------|----------------|
| Safety | CE, LVD, VCCI |
| Vibration | IEC 60068-2-6 |
| Shock | IEC 60068-2-27 |
| Freefall | IEC 60068-2-32 |

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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