



Main Features

- 4-Port LAN M12 X-coded, 10/100/1000 Mbps
- Supports PoE 802.3af/at, max. 60W
- CE/FCC/EN50155 class OT4 conformity

Product Overview

VIOD-POE4M-02 is a 4-port PoE module with M12 X-coded for aROK 5510. With built-in Intel® 82580EB controller, it supports up to 4 independent GbE ports satisfying a decompressing video stream at 4K resolutions in high frame-rate used on AI-aided secure surveillance, auto-inspection/machine vision applications. To run at harsh environment is more and more important, it is compliant with military MIL-STD to sustain the vibration and shock and the operating temperature can reach up to EN 50155, class OT4 (-40 ~ 70°C).

Specifications

Ethernet

- 4-Port M12 X-coded independent 10/100/1000 Mbit/s
- IEEE 802.3/802.3u/802.3ab and IEEE 802.3x
- 9K-byte jumbo frame
- IEEE 802.1AS/IEEE 1588 (PTP) support
- GbE controller: Intel® 82580EB
- Power over Ethernet (PoE)
- IEEE 802.3af/at compliant
- 25W per port in max., 4-port total at 60W PSE

Environment & Regulation

- Operating temperatures:
EN 50155, class OT4 (-40~70°C), 85°C for 10 minutes with air flow
- Storage temperatures: -40°C~80°C
- Relative humidity: 90% (non-condensing)
- CE, FCC Class A, EN50155 (pre-installed on aROK 5510)

Mechanics

- Anti-vibration
 - EC 60068-2-64.2.5G (5~500Hz)
 - Operating: MIL-STD-810G, 514.6C Procedure 3, Category 4
 - Storage: MIL-STD-810G, 514.6E Procedure 1, Category 24
- Anti-shock
 - MIL-STD-810G, 516.6 Procedure I, trucks and semi-trailers=40g
 - Crash hazard: Procedure V, ground equipment=75g
- Dimension: 96.7mm x 183.9mm x 37.4mm (W x D x H)
- Net weight: 300g

Ordering Information

- **VIOD-POE4M-02 (P/N: 88A20551002X0)**
4-Port LAN M12 X-coded module, 10/100/1000 Mbps, PoE 802.3af/at, max. 60W for aROK 5510

Dimension Drawing

