Managed PoE Gigabit Switch
PMI-110-F2G

⠿ Managed gigabit PoE switch
- 120 W total PoE power budget with max. 30 W per port
- 8 × 10/100 TX IEEE 802.3af / 802.3at PoE ports
- 2 × Gigabit RJ-45 / SFP combo ports

⠿ Designed for industrial installation
- DIN rail mount
- Dual 46-57 VDC power supply
- Digital input/output

⠿ Operation in industrial environment
- −40 to +70°C operating temperature
- Rigid aluminum case
- Hi-Pot Isolation

⠿ Fault tolerant and secure networking
- Redundant multi rings
- Rapid dual homing
- Link aggregation

CE FC

The PMI-110-F2G is a layer 2 industrial Ethernet switch with Power over Ethernet and gigabit capability. It is designed for critical PoE applications such as real time video surveillance, WiMAX systems and wireless access points. The 8 PoE ports are compliant with both IEEE 802.3af (max 15.4 W) and IEEE 802.3at (max 30W) so that also high-power devices such as PTZ cameras and wireless access points can be handled. The two gigabit combo ports provide high speed uplink to connect to backbone switches. Digital Diagnostic Monitoring (DDM) is supported for monitoring of fiber links.

The unit is designed for DIN rail mounting into industrial cabinets. Features like redundant power supply and digital I/O make the PMI-110-F2G well prepared for serving in most automation solutions.

The robust design, with no moving parts, a wide temperature range, rigid housing and industrial electrical design, makes the PMI-110-F2G suitable for environments such as industrial automation, machine building, building automation etc.
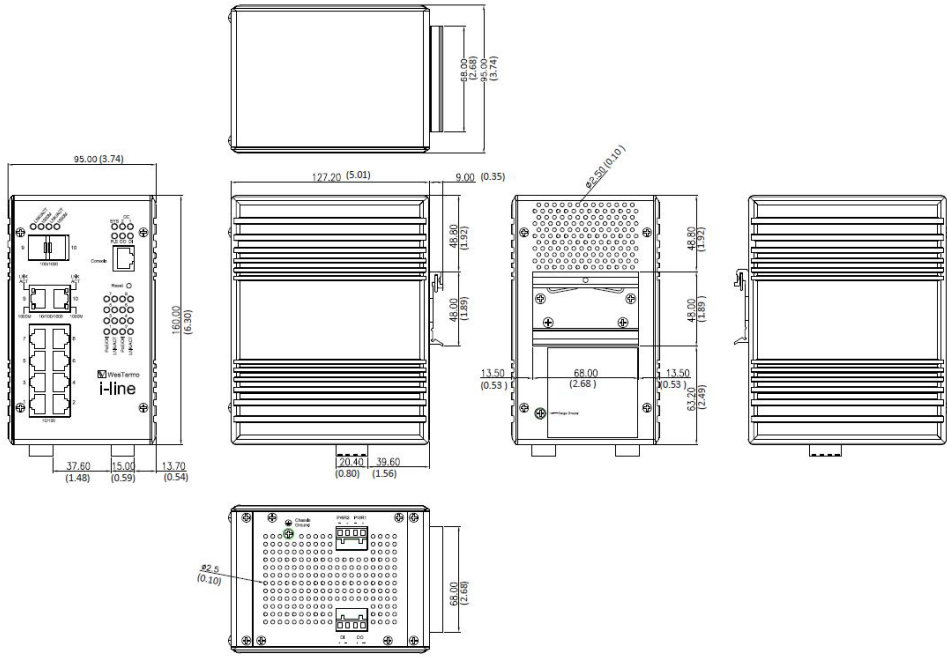
The PMI-110-F2G supports advanced network features like redundant multi ring technology, rapid dual homing, link aggregation, RSTP, VLAN, IGMP Snooping, QoS etc. Management and configuration through ease of use web interface, CLI or SNMP. Security is obtained through SSH and HTTPS login, DHCP binding, access table, port security and much more.

Ordering Information	
Art.no	**Description**
3626-0200	PMI-110-F2G, Managed PoE Switch

Specifications PMI-110-F2G

Dimensional drawing

Dimension W x H x D	95 mm x 160 mm x 127 mm
Weight	1,3 kg
Degree of protection	IP30

Power	
Operating voltage	46 to 57 VDC
Power Consumption	**15 W without PD loading**
Power Budget	Max 120 W distributed on all PoE ports
	Max 30 W on one single PoE port

Interfaces	
PoE Ethernet TX	8 x RJ-45, 10/100 Mbit/s (8 with PoE capability)
Gigabit Ethernet TX	2 x RJ-45/SFP combination port, 10/100/1000 Base-TX RJ-45 or 100/1000 Base FX LC
Console	RS-232, 1 x RJ-45
Digital input	Opto coupler
Digital output	Relay output

Temperature	
Operating	–40 to +70°C (-40 to +158°F)
Storage & Transport	–40 to +85°C (-40 to +185°F)

Agency approvals and standards compliance	
EMC	EN 55022 CLASS A, EN 61000-6-4
	EN 61000-6-2, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8