

MANAGED INDUSTRIAL POE ETHERNET SWITCH

8-PORT 10/100/1000BASE-T

GGM INS8RPA



30 W per Port

Redundant Power possible

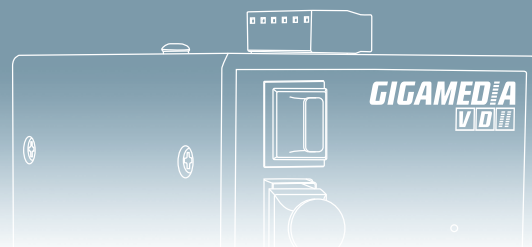
Redundant Ring and Fast Recovery

GGM INS8RPA managed industrial switch is equipped with 8 port 10/100/1000Base-T that are PoE+ compliant. Engineered with hardened components and enclosed in a rugged case, the switch can operate in temperatures from 0 °C to 70 °C and also has an excellent tolerance capability to high vibration and shock. As an Industrial switch, the **GGM INS8RPA** suits your heavy industrial environments and yet contains all the standard features of other switches.

PoE+ function on 8 ports 10/100/1000 Base-T complies with IEEE 802.3at standards and allows them to supply up to 30 W per port for network attached devices such as WLAN Access Points, VoIP phones and IP surveillance cameras that can be powered by Ethernet connectivity. The **GGM INS8RPA** eliminates the need for installing additional power outlets or adapters, thus network power planning is simplified and overall installation and maintenance costs are reduced. In addition, the layer 2 switch offers a full complement of management functions to allow easy-to-use configuration and monitoring.

MAIN FEATURES

- Support 8-Port 10/100/1000 PoE+ PSE (IEEE 802.3af/at)
- Advanced management functions
- Advanced PoE+ management functions
- Alarm contact connectors
- Aluminum case (IP30)
- ESD Protection: 8 kV / 15 kV (Contact/Air)
- 6 kV Surge Protection (line to ground)
- Support operating tempt from 0 °C to 70 °C



PRODUCT SPECIFICATIONS

STANDARDS

IEEE 802.3	10Base-T
IEEE 802.3u	100Base-TX
IEEE 802.3ab	1000Base-T
IEEE 802.3z	1000Base-SX/LX
IEEE 802.3x	Flow Control
IEEE 802.3af	PoE
IEEE 802.3at	PoE plus

NETWORK MANAGEMENT

Configuration	Command Line Interface, Telnet, Web GUI, SNMP v1/v2c, Management VLAN, System log, Firmware Upgradable, Configuration Upload/Download
VLAN	IEEE 802.1Q, GARP/GVRP support, Port-based VLAN, 4K active VLAN support
Redundancy	Xpress Ring, Dual Homing, STP/RSTP
Security	Access Control List, SSH, Port Security, 802.1x Port Authentication, DHCP snooping, MAC limitation
Traffic control	IGMP snooping/Querier, MVR, Link Aggregation, QoS, Flow Control, Abnormal Traffic Detection, Rate Limitation, Storm Control, Port Isolation, Loop Detection
Diagnostics	LED status, SNMP trap, E-mail alarm, Port Mirroring, Port Statistic, SNTP, RMON, Syslog

POWER

Input voltage	Primary inputs: 48 V ~ 57 V DC Redundant inputs: 48 V ~ 57 V DC
Power consumption	260 W (with 8 PoE plus fully loaded)
Alarm Relay	One relay output with current carrying capacity of 1 A @ 24V DC

POE FUNCTIONS

Per port up to 30 W

RECOMMENDED DIN RAIL POWER SPEC

Operation	PFC
Output	48 V DC @ 10 A
Power, Output	480 W
Voltage, Input	100-264 V AC
Voltage, Output	48 V DC

INTERFACE

Ports	8 x 10/100/1000Base-T (PoE RJ-45) 1 x Console Port (RJ-45 to RS-232)
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MECHANICAL AND ENVIRONMENT

Housing	Metal Case (IP30 protection)
Mounting	DIN-Rail
Operating Temperature	0 °C ~ 70 °C
Storage Temperature	-40 °C ~ 80 °C
Operating Humidity	10 to 95% RH (non-condensing)
Storage Humidity	5 to 95% RH (non-condensing)
Weight	860 g
Dimension	50 x 161.5 x 131.2 mm
DIP Switch	Primary / Redundant Power Voltage Drop Alarm setting
LED Panel	PWR, RPS, ALM, POST, PoE ports, 1000, 10/100

STANDARDS AND CERTIFICATIONS

FCC Part 15
EN55022 : class A
EN 55011 : 2009 class A
EN 61000-6-4

PART NUMBER

PART NUMBER	DESCRIPTION
GGM INS8RPA	Managed 8-port 10/100/1000 IEEE 802.3af/at, Industrial Managed PoE Switch

COMPLEMENTARY PRODUCT

VDI IAL12048	120 W single output industrial DIN Rail power supply
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For other power supplies, other power, please contact us.

YOUR POINT OF CONTACT

