

RPG2-2602-2C

26-Port Industrial Gigabit PoE+ Ethernet Switch

-24*10/100/1000Tx with 24*PoE Injector (30W/Port) + 2* Gigabit Combo Ports
(2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slot), 48-55VDC Power Input

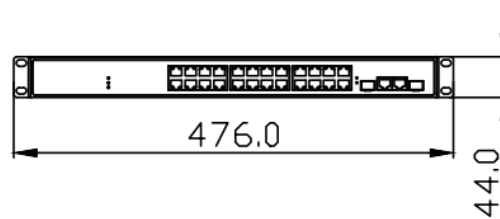
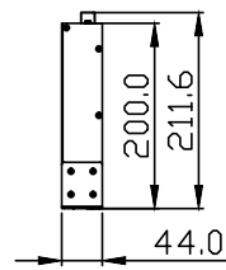
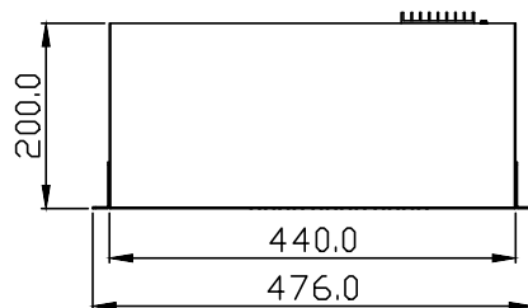
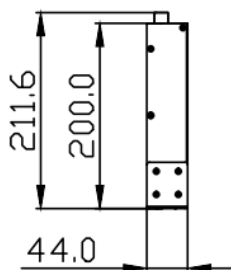
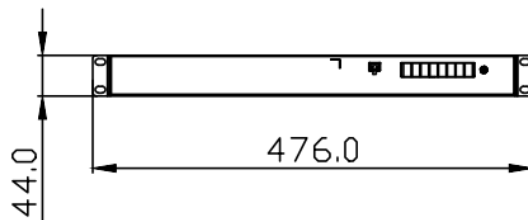
Feature



- 24-port 10/100/1000Tx Ethernet with IEEE 802.3at Compliant PoE+
- 2* Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slot)
- System Power Input: 48-55VDC
- Built-in Relay Output Warning for Power Failure
- IP40 Rugged Metal Case Design
- Rack Mounting
- Operating Temperature Range - STD: -10°C ~ 65°C, EOT: -40°C ~ 75°C



Dimensions (unit = mm)



Specifications

Technology

Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000BaseT IEEE 802.3z 1000Base-X Gigabit Fiber IEEE 802.3af/at Power over Ethernet
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Processing Type	Store and Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x flow control, back pressure flow control

Switch Properties

Switch Architecture	Back-Plane: Non-Blocking Switching Fabric
Transfer Rate	14,880pps for Ethernet Port 148,800pps for Fast Ethernet Port 1,488,000pps for Gigabit Ethernet Port
Memory Buffer	4Mbits
Jumbo Frame	9.6Kbytes
MAC Table size	8K

Interface

RJ45 Ports	26*10/100/1000BaseT(X) with 24* PoE+, auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6 (Endspan, MDI Alternative A)
Gigabit Combo Port (Copper/SFP)	2*RJ45 Ports w/10/100/1000Tx Ethernet and 2*100/1000 SFP Slot
LED Indicators	PWR1, PWR2, Fault Ethernet Ports: On-Link/Flash-data transmitting PoE : On-connected to PD devices SFP: Link/Active
Wavelength	Depends on SFP modules
Network Cable	10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100BaseTX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) 1000BaseTX: UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)

Power Requirements

Input Voltage	48-55VDC (52-55VDC for IEEE802.3at PoE/PSE), Redundant Input
Overload Current Protection	Present (Slow-Blow Fuse)
Reverse Polarity Protection	Present
PoE Power Output	30Watts max. per PoE port
Power Consumption	24Watts for System
Max. PoE Power Budget	720Watts
Relay Contact	24VDC, 1A resistive

Mechanical Characteristics

Housing	Metal, IP40 protection
Dimensions	440 x 44 x 200 mm (W x H x D)
Weight	Unit Weight: 2.7kg, Shipping Weight: 2.9kg
Mounting	19" Rack Mounting

Environmental Limits

Operating Temperature	STD: -10°C ~ 65°C (14°F ~ 149°F); EOT: -40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)

Ambient Relative Humidity 5 to 95%, (non-condensing)

Regulatory Approvals

EMI	FCC Part 15 Subpart B Class A, CE EN 55022 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)
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Safety	UL 61010-1, UL 61010-2-201
Warranty	5 Years

Due to continuous improvement, all product specifications are subject to change without further notice.

Ordering Information

RPG2-2602-2C	26-Port Industrial Gigabit PoE+ Ethernet Switch - 24*10/100/1000Tx with 24*PoE Injector (30W/Port) + 2* Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slot)
RPG2-2602-2C-T	26-Port Industrial Gigabit PoE+ Ethernet Switch - 24*10/100/1000Tx with 24*PoE Injector (30W/Port) + 2* Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slot), Extended Operating Temperature: -40° to 75° C

Optional Accessories

DR-120-48	120W Industrial DIN-Rail Power Supply, 48VDC
DR-240-48	240W Industrial Single Output DIN-Rail With PFC Function Power Supply, 48VDC
DR-480S-48	480W Industrial Single Output DIN RAIL with PFC Function, 48VDC
SDR-120-48	120W Industrial DIN-Rail Power Supply, 48VDC, (48-55VDC)
SDR-240-48	240W Industrial DIN-Rail Power Supply, 48VDC, (48-55VDC)
SDR-480-48	480W Industrial DIN-Rail Power Supply, 48VDC, (48-55VDC)