

# REG2-2602-2C

26-Port Industrial Gigabit Ethernet Switch

-24\*10/100/1000Tx + 2\* Gigabit Combo Ports

(2\*10/100/1000Tx RJ45 and 2\*100/1000 SFP Slot), 90-264VAC Power Input

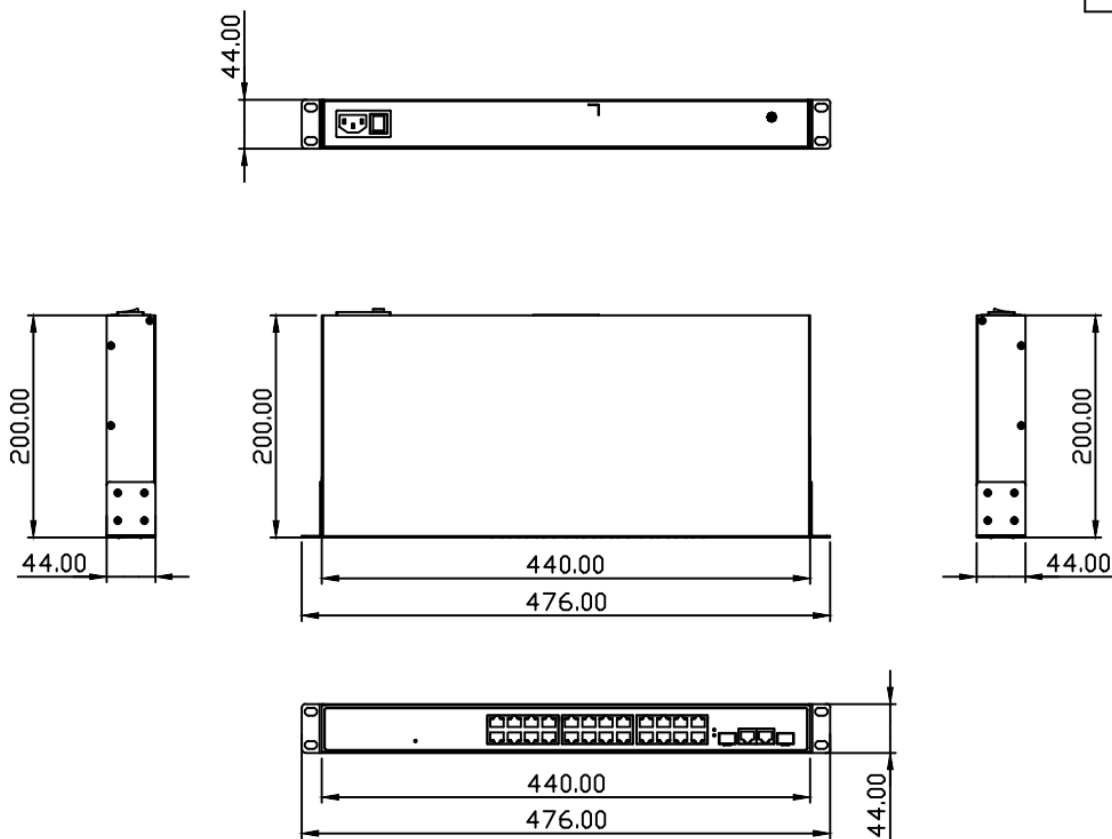
## Feature



- 24-port 10/100/1000Tx Ethernet ports
- 2\* Gigabit Combo Ports (2\*10/100/1000Tx RJ45 and 2\*100/1000 SFP Slot)
- System Power Input: 90-264VAC
- 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
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Processing Type	Store and Forward
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Protocol	CSMA/CD
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Flow Control	IEEE 802.3x flow control, back pressure flow control
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## Switch Properties

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

RJ45 Ports	26*10/100/1000BaseT(X), auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
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Gigabit Combo Port (Copper/SFP)	2*RJ45 Ports w/10/100/1000Tx Ethernet and 2*100/1000 SFP Slot
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LED Indicators	PWR1, PWR2, Fault Ethernet Ports: On-Link/Flash-data transmitting SFP: Link/Active
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Wavelength	Depends on SFP modules
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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)
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## Power Requirements

Input Voltage	90-264VAC/47-63Hz
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Overload Current Protection	Present (Slow-Blow Fuse)
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Reverse Polarity Protection	Present
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Power Consumption	24Watts
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## Mechanical Characteristics

Housing	Metal, IP40 protection
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Dimensions	440 x 44 x 200 mm (W x H x D)
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Weight	Unit Weight: 2.8kg, Shipping Weight: 3.6kg
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Mounting	19" Rack Mounting
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## Environmental Limits

Operating Temperature	STD: -10°C ~ 65°C (14°F ~ 149°F); EOT: -40°C ~ 75°C (-40°F ~ 167°F)
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Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
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Ambient Relative Humidity	5 to 95%, (non-condensing)
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## Regulatory Approvals

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

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

## Ordering Information

<b>REG2-2602-2C</b>	26-Port Industrial Gigabit Ethernet Switch - 24*10/100/1000Tx + 2* Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slot)
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<b>REG2-2602-2C-T</b>	26-Port Industrial Gigabit Ethernet Switch - 24*10/100/1000Tx + 2* Gigabit Combo Ports (2*10/100/1000Tx RJ45 and 2*100/1000 SFP Slot), Extended Operating Temperature: -40° to 75° C
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