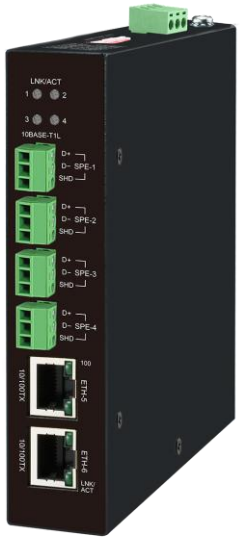
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RPT-1006-4SPE-T-X3 | Industrial 6 Port Unmanaged SPE Switch



FEATURE HIGHLIGHTS

- 4 x 10BASE-T1L SPE and 2 10/100 TX Ethernet ports
- Super slim and compact size
- IP30 housing and din-rail mounting
- Wide operating temperature -40 to 75 degree C

DESCRIPTION

RPT-1006-4SPE-T-X3 provides 4 ports 10Base-T1L and 2 ports fast Etherent 10/100TX for your industrial applications to support the low data rate and long distance. The switch aligns with the IEEE 802.3cg Single Pair Ethernet (SPE) standard, enabling high-speed 10 Mbps Ethernet communications over existing fieldbus cables, extending up to 1000m - outperforming standard 100BASE-TX. Not only does the RPT-1006-4SPE-T-X3 simplify cabling and reduce costs, but it also expands Industrial Ethernet applications to include new sensor, actuator, and automation scenarios. Seamlessly interoperating with existing Ethernet networks via standard CAT5/6 cabling, this switch represents a future-ready solution, empowering your industrial connectivity with efficiency and cost-effectiveness.

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SPECIFICATIONS

Standards	
IEEE 802.3	10BASE-T
IEEE 802.3cg	10BASE-T1L (Compliant)
IEEE 802.3u	100BASE-TX
IEEE 802.3	Nway Auto-negotiation
IEEE 802.3x	Flow Control
Interface	
Ports	2 x 10/100 BASE-TX Port
	4 x 10BASE-T1L Port
DIP Switch	Auto/Manual, Master/Slave per SPE port
LED Panel	PWR, 10T1L 1~4: LNK/ACT (Green/Amber),
	100TX: 100, LNK/ACT
Features	
Performance	Jumbo Frames Size: 1536Bytes
	MAC Table Entries: 1K
	Switching Fabric: 480Mbps
	Packet buffer: 512Mbit Forwarding Rate: 357.14Kpps
Power	
Input Voltage	12~48VDC
Power Consumption	4W
Mechanical	
Housing	Metal (IP40 Protection)
Operating Temperature	-40°C~75°C (-40°F~167°F)
Storage Temperature	-40°C~85°C (-40°F~185°F)
Operating Humidity	5~95% RH (non-condensing)
Storage Humidity	5~95% RH (non-condensing)
Weight	493 g (1.09 lb)
Dimension (WxHxD)	31 x 136 x 105 mm (1.22 x 5.36 x 4.13 in)

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SPECIFICATIONS

Certifications	
EMI	FCC Part 15 Subpart B Class A EN 55032 / UKCA Class A
	CISPR 32 Class A
	EN 55011 / UKCA Class A
	CISPR 11 Class A
EMS	EN 61000-6-4 / UKCA
	VCCI Class A
	ICES-003 Issue 7
	EN55035 / UKCA
	EN 61000-6-2 / UKCA
	EN 61000-4-2 (ESD)
	EN 61000-4-3 (RS)
	EN 61000-4-4 (EFT)
	EN 61000-4-5 (Surge)
	EN 61000-4-6 (CS)
	IEC 61000-4-8 (PFMF)
Shock Test	IEC 60068-2-27
Freefall Test	IEC 60068-2-31
Vibration	IEC 60068-2-6

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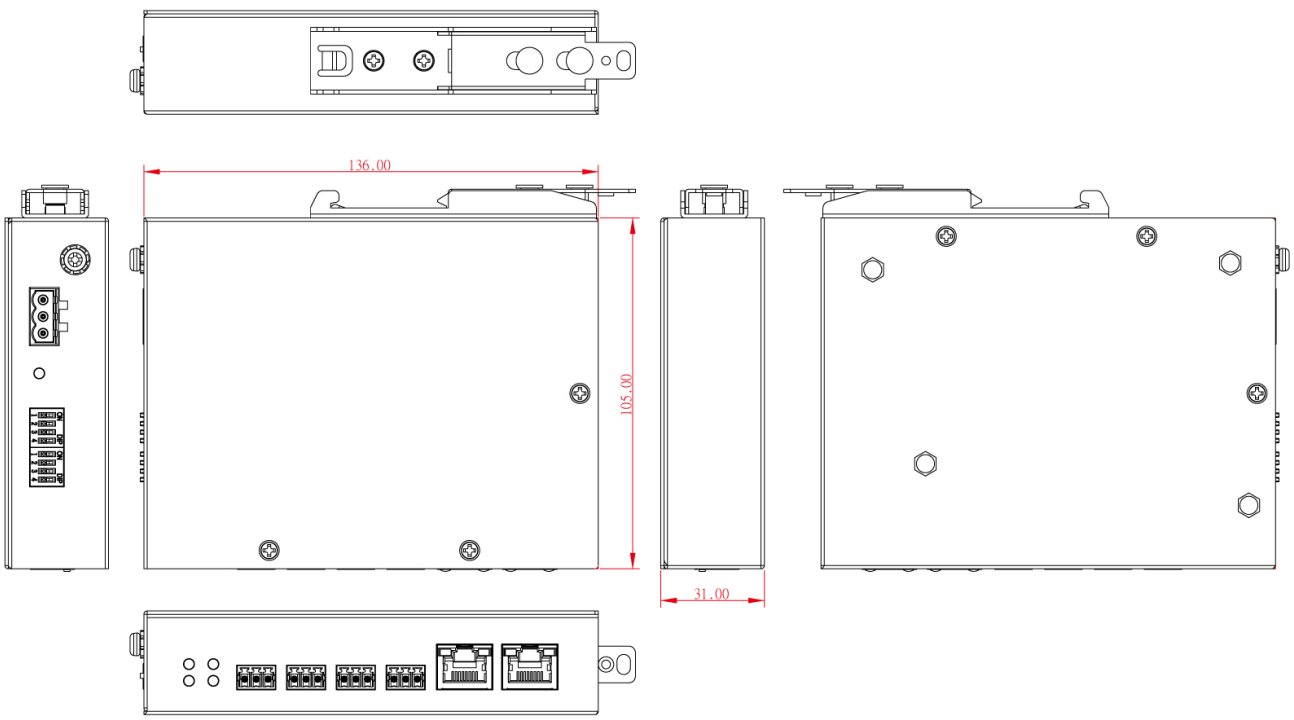
RPT-1006-4SPE-T-X3 | Industrial 6 Port Unmanaged SPE Switch

ORDERING INFORMATION

Model name	Description
RPT-1006-4SPE-T-X3	6 Port Industrial Unmanaged (4 x 10BASE-T1L Port+ 2 10/100TX) switch

DIMENSIONS

Unit: mm



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