



**Ordering Information**

**TXE028**

16-Port 10/100TX 802.3at PoE + 2 Port 10/100/1000 1port SFP TX Desktop Switch (200 watts)

**Hardware Specifications**

Thermal Fan	Fanless
Copper Port	10/100BASE-TX MDI/MDIX Ports
PoE Injector Port	16-port with 802.3at/af PoE injector function with Port-1 to Port-16
Switch Architecture	Store-and-Forward
Switch Fabric	4Gbps/non-blocking
Switch Throughput@64 bytes	1.48Mpps@64 bytes

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MAC Address Table	16K entries, automatic source address learning and aging
Maximum Frame Size	1522 bytes
Flow Control	IEEE 802.3x pause frame for full-duplex Back pressure for half-duplex
LED	<b>System:</b>
	Power ( <b>Green</b> )
	<b>10/100BASE-TX RJ45 interfaces:</b>
	10/100Mbps LNK/ACT ( <b>Green</b> )
	<b>PoE interfaces:</b>
	PoE-in-Use ( <b>Red or Blue</b> )
DIP Switch	Selectable operation mode

Dimensions (W x D x H)	220*160*40 mm
Enclosure	Metal
Power Requirements	52V DC, 3.8A
Power Consumption/ Dissipation	System On: Max. 2.4 watts Ethernet Full Loading: Max. 5 watts/ PoE Full Loading: Max. 120 watts
ESD Protection	Contact discharge of 4KV DC Air discharge of 6KV DC
<b>Power over Ethernet</b>	
PoE Standard	IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE
PoE Power Supply Type	End-span
PoE Power Output	Per port max. 30 watts
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Budget	120 watts
Max. Number of Class 2 PDs	8

#### Ordering Information

Max. Number of Class 3 PDs	8
Max. Number of Class 4 PDs	4

#### Standards Conformance

Regulatory Compliance	FCC Part 15 Class A, CE
Standards Compliance	IEEE 802.3 10BASE-T
	IEEE 802.3u 100BASE-TX
	IEEE 802.3x Flow control and back pressure
	IEEE 802.3af Power over Ethernet
	IEEE 802.3at Power over Ethernet Plus
	IEEE 802.3az Energy Efficient Ethernet (EEE)

#### Environment

Operating	Temperature: 0 ~ 50 degrees C
	Relative Humidity: 5 ~ 95% (non-condensing)
Storage	Temperature: -10 ~ 70 degrees C
	Relative Humidity: 5 ~ 95% (non-condensing)