



Smart Architecture of Espadana

Designing, Production, Customization and Consultant Service
in Network and Fiber Optic System



Technical Specification

SAE-TDP2ETH4E1-TRX

2*E1 & 2* 10/100Mbps Ethernet ports Over IP, 1* SFP port managed switch



Product Description

- Provide 2* E1 channels interface transparently, confirming to ITU-G.703.
- Provide 2*E1 channels and 2*10/100Base-TX and 1*100Base-FX interface
- 1* SFP port (Fiber Optic)
- Support Ethernet ping function.
- Point to point or point to multi-points connections, satisfying different applications.
- 10/100M Ethernet, full/half duplex auto-adapt, support auto-MDIX
- Support two type interfaces-75Ω and 120Ω-no need setting

Full Description

This **SAE-TDP2ETH4E1-TRX** is 1U, which supplies, 1-2Channel E1 interface, 2Channel 10M/100M Ethernet interface (Wire speed 100M) and 2Channel Ethernet with 1* SFP managed interface converter., **SAE-TDP2ETH4E1-TRX** is mainly used to transmit voice signal over IP network. Providing emulation E1 port through Ethernet, the difficulty is rebuilding timing information of E1 code stream effectively at the exit of network. The device Support WEB management platform, online software upgrades, the host side can manage the work of each state machine equipment;

SAE-TDP2ETH4E1-TRX is made with high quality of rigorous screened components, which have superior performance in stability, environmental adaptability. It can work normally in very cold environment to very hot from -35°C to +75°C. The product is planned in a way to have better resistance against corrosion and electromagnetic interference. Power input also made a suitable and reliable types of power, to get more powerful suitability to environment. types of power, to get more powerful suitability to environment.



Application

- Access points wireless systems and transmission data
- Used in computer networking
- Management and support Intelligent telecommunications operators supervisory
- Used between main command center and branch offices

Technical Specific

| | |
|--|---|
| Product name | SAE-TDP2ETH4E1-TRX |
| Interface | |
| Ports | 2 × E1 interfaces, 2 × 10/100Base-TX Ethernet interfaces, 1 × SFP |
| standards | |
| <ul style="list-style-type: none"> ➤ Support protocol G.703 for E1 ➤ Support protocol G.742 and G.823 for Jitter tolerance ➤ Support Telephone interface with power protection, power reached IEC61000-4-5 protocol | |
| E1 specification | |
| <ul style="list-style-type: none"> ➤ Standard: conform to G.703 standard ➤ rate: 2.048Mbit/s±50ppm ➤ E1 Impedance: 75Ω (unbalance), 120Ω (balance); ➤ Connector: BNC (unbalance) / RJ45 (balance) ➤ Jitter tolerance: conform to G.742 and G.823 ➤ Allowed debilitation: 0 to 6dBm | |
| Ethernet interface(10/100M) | |



- Interface rate: 10/100 Mbps, half/full duplex auto-negotiation
- Interface Standard: Compatible with IEEE 802.3, IEEE 802.1Q (VLAN)
- MAC Address Capability: 4096
- Connector: RJ45, support Auto-MDIX

Power

Multifold power mode options: AC220V, DC-48V / DC-24V

Power supply: AC180V ~ 260V ; DC -48V ; DC +24V

Max Power consumption: 10W

Dimension

Size: 216X130X31mm(WXDXH)

Weight: 2.4KG

Environmental Aspects

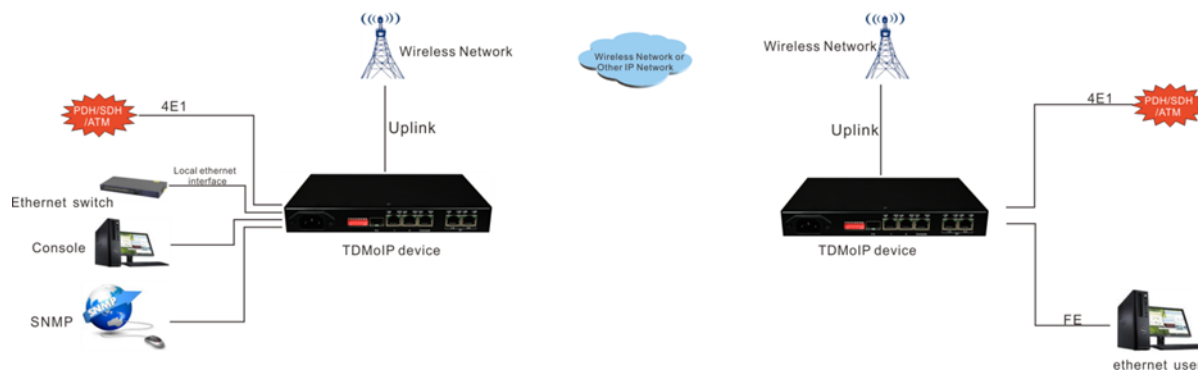
Working Temperature -10~60°C;

Storage Temperature -35~75°C;

Working Humidity 5%~95%(non-condensing)

Storage Humidity 5%~95%(non-condensing)

Product Application Display



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