



Smart Architecture of Espadana

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



Technical Specification

SAE -TDM SWFE310-T/R

1x E1 Interface & 2x 10/100M Base-TX & 1x 10/100M Base-FX TDM over IP





Product Description

- 1x E1 Channel and 2x 10/100Mbps Base-TX and 1x 100Base-FX RJ45 Ports + 1x 75 BNC E1 Interface
- Framing, non-framing and Framing E1 Transparent Transmission compliant with ITU G.703
- Power Consumption: <10W
- Configurable Ethernet packet and IP protocol
- Provide VLAN
- Suitable for point to point and multi point applications
- Support two type interfaces - 75 and 120 - no need setting
- 10/100M Ethernet, full/half duplex auto-adapt, support auto-MDIX
- Compliant with G.703, G742, G823
- Management web platform

Full Description

This high performance zero delay TDM over IP device (SAE-TDMSWFE310-T/R) provides a reliable low-cost wireless or Ethernet IP connection for E1 interface transmission. It provides one E1 interface, two UTP and one fiber Ethernet port. This interface and reliable and consistent connection between E1 interface and Ethernet allows the users to utilize this device in communication system based on E1, such as LAN, WAN, MAN and wireless network. Due to Ethernet connection loss and differing delay, rebuilding TDM signals with no loss or distortion is a huge obstacle. Within this cutting-edge device, this problem has been solved with an advanced clocking technology.

The high quality of components let the SAE-TDMSWFE310-T/R, have superior performance in stability and environmental adaptability. The product designed to be resistant and to corrosion and electromagnetic interference.



Applications

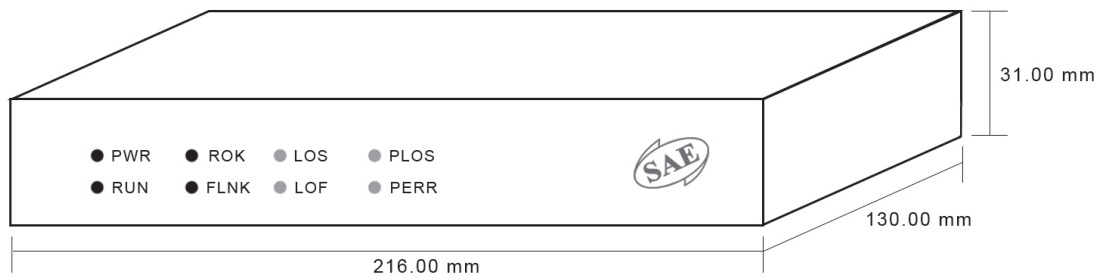
- Communication systems
- mobile base station
- SS7 signaling device
- voice mail system
- PBX

Technical specification

Product name	SAE-TDMSWFE310-T/R
Interface	
Ethernet/ 2x 10/100Mbps Base-TX + 1x 10/100Mbps Base-FX Ethernet Ports	
E1 Interface/ 1x BNC (75Ω)/RJ45 (120Ω) for unbalance/balance connection	
Certifications	
CE mark, commercial, FCC, RoHS	
Performance Specification	
E1 Jitter Tolerance: Compliant with G742 and G823	
E1 code rate: 2.048Mbit	
E1 code type: 2.048Mbit	
MAC: 4096	
Ethernet Standards: IEEE 802.3, IEEE 802.1Q (VLAN)	
Power	
Input power/ 180-260 VAC; 48 VDC; +24VDC Power Consumption/ <10W	
Dimension	
Size: 216X130X31mm Weight: 1.3KG	
Environmental Aspects	
Working Temperature -10°C ~ 50°C ; Storage Temperature -40°C ~ 80°C ; Working Humidity 5% ~ 95% (non-condensing) Storage Humidity 5% ~ 95% (non-condensing)	



Product Size Display



Product Application Display

