



Smart Architecture of Espadana

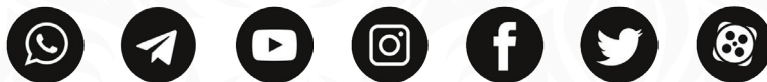
Designing, Production, Customization and Consultant Service
in Network and Fiber Optic System



Technical Specification

SAE-16EM4W-E1

16 Line telephone tip-ring channel & de-multiplexer receiver on E1





Product Description

- 1~16 Channel phone access, supports caller ID feature and reverse polarity billing functions
- Lose signal LED indicator if E1 line broken or remote device power-off
- Power supply: AC220V, DC-48V / DC24V, etc
- E1 interface accord with standard G.703 adopts digital clock recovery and smooth phase-lock technology
- Supports FXO and FXS port with phone line, 2/4 wire audio interface, Magnet phone, FXO port provides a connection with program-controlled switchboard, FXS port connected to the user's
- Three kinds of loopback supplies: E1 local loopback (ANA), the Ethernet interface to the remote loopback (DIG), command peer Ethernet interface to the local loop (REM)
- Power consumption: <10W
- E1 can provide $N \times 64k$ ($N=1-32$) rate, that rate is adjustable from 64K-2048K
- Telephone interface with lightning protection, lightning reached

Full Description

This equipment (SAE-16EM4w-E1) is to provide an E1 access, 16 channel voice outputs, Equipment electrical part for the whole digital circuits, machine reliability, stability, low power consumption, high integration, small size, easy installation and maintenance. Many customers are telecommunications operators E1 leased lines used in computer networking, SAE-16EM4w-E1 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 $+75^{\circ}\text{C}$. 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.



Applications

- 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 specification

Product name	SAE-16EM4w-E1
Interface	
Ports	16*Ports (FXO/FXS/2 wire audio) E1 Mux
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"> ➤ Packet Forwarding Rate: n*64Kbps±50ppm; ➤ E1 Impedance: 75Ω (unbalance), 120Ω (balance); ➤ Allowed debilitation: 0 to 6dBm 	
FXS Phone specification	
<ul style="list-style-type: none"> ➤ Voltage of Ring: 75V ➤ Frequency of Ring: 25Hz ➤ Total amount of resistance for 2 line: 600 Ohm (pick up) ➤ Return loss: 40 dB 	
FXO Switch specification/ EM 2/4 Line	
<ul style="list-style-type: none"> ➤ Voltage of Ring: 35V ➤ Frequency of Ring: 17Hz-60Hz ➤ Total amount of resistance for 2 line in FXO switch & EM 2/4 Line: 600 Ohm (pick up) ➤ Return loss: 40dB 	
Power	
<p>Multifold power mode options: AC220V, DC-48V / DC-24V Power supply: AC180V ~ 260V; DC -48V; DC +24V Max Power consumption: 10W Short circuit current wave 8/20μs, open-peak output voltage 6KV standards</p>	

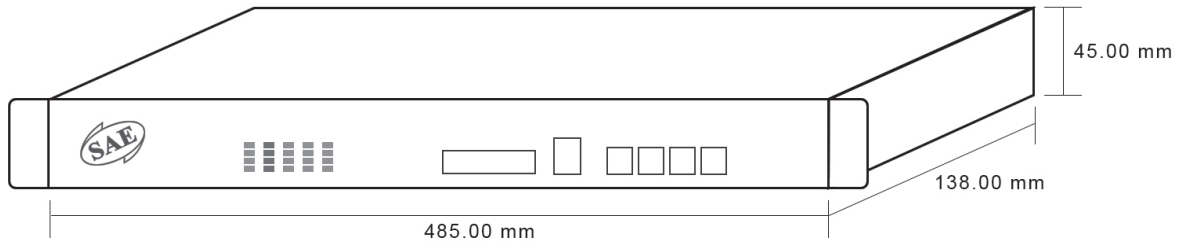


Dimension	
Size:	485X138X45mm
Weight:	2.4KG

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



4-Wire E8M Over E1

