



This equipment 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, this equipment can be rented at the E1 line opened a few road phone, you can make free calls between headquarters and branch offices of this.

◆ E1 Interface

Interface Standard: comply with protocol G.703;
 Interface Rate: $n \times 64\text{Kbps} \pm 50\text{ppm}$;
 Interface Code: HDB3;
 E1 Impedance: 75Ω (unbalance), 120Ω (balance);
 Allowed Attenuation: 0~6dBm
 Jitter tolerance: In accord with protocol G.742 and G.823

◆ FXS Phone Interface

Ring voltage: 75V
 Ring frequency: 25HZ
 Two-line Impedance: 600 Ohm (pick up)
 Return loss: 40 dB

◆ FXO Switch Interface

Ring detect voltage: 35V
 Ring detection frequency: 17HZ-60HZ

Features:

- Based on proprietary integrated circuits;
- alarm status can be monitored on the end;
- E1 interface complies with G.703, all-digital clock recovery and smooth phase-locked technology;
- Voice port supports FXO and FXS port, EM2/4 wire interface, Magnet phone, FXO port docking with program-controlled switchboard, FXS port connected to the user's telephone
- 1-16*voice access, support caller ID function and reverse polarity billing functions;
- Support Telephone Number mutual function of each site;
- E1 signal can be detected as a barrier to the end device is lost or shut E1
- provide two kinds of clock ways: E1 master clock, E1 line clock;
- provides three kinds of loopback: E1 local loopback (ANA), the Ethernet interface to the remote loopback (DIG), command peer Ethernet interface to the local loop (REM);
- There are pseudo-random code test function (PATT), to facilitate the opening line, which can be when one of E1 BERT to use;
- E1 can support $N \times 64\text{k}$ ($N = 1-32$) rate, that rate is adjustable from 64K-2048K;
- Telephone interface with lightning protection, lightning reached IEC61000-4-5 Short circuit current wave 8 / 20 μs , open-peak output voltage 6KV standards.
- multiple power mode options: AC220V, DC-48V / DC24V, etc;

Two-line Impedance: 600 Ohm (pick up)
Return loss: 40 dB

◆ EM 2/4 Line

AD: 0dB
DA: 0dB
Two/Four-line Impedance: 600 Ohm
Return loss: 20 dB

◆ Working environment

Working temperature: -10°C ~ 50°C
Working Humidity: 5%~95 % (no condensation)
Storage temperature:-40°C ~ 80°C
Storage Humidity: 5%~95 % (no condensation)

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| Functional Description | E1-16 * telephone, 19"inch 1U, Support 6U rackmount |
| Power | Power supply: AC180V ~ 260V ; DC -48V ; DC +24V Power consumption: ≤10W |
| Dimension | Product Size: 19inch 485X138X45mm(WXDXH) |
| Weight | 19inch 2.4KG |

