



This device is 1U, there 6U rack card type, which provides telephone outputs 30, 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;

### Technical Parameters:

<ul style="list-style-type: none"> <li>• <b>E1 Interface</b></li> </ul>	<ul style="list-style-type: none"> <li>➢ Interface Standard: comply with protocol G.703;</li> <li>➢ Interface Rate: <math>n \times 64\text{Kbps} \pm 50\text{ppm}</math>;</li> <li>➢ Interface Code: HDB3;</li> <li>➢ E1 Impedance: <math>75\Omega</math> (unbalance), <math>120\Omega</math> (balance);</li> <li>➢ Jitter tolerance: In accord with protocol G.742 and G.823</li> <li>➢ Allowed Attenuation: 0~6dBm</li> </ul>
<ul style="list-style-type: none"> <li>• <b>FXS Phone Interface</b></li> </ul>	<ul style="list-style-type: none"> <li>➢ Ring voltage: 75V</li> <li>➢ Ring frequency: 25HZ</li> <li>➢ Two-line Impedance: 600 Ohm (pick up)</li> <li>➢ Return loss: 40 dB</li> </ul>
<ul style="list-style-type: none"> <li>• <b>EM 2/4 Line</b></li> </ul>	<ul style="list-style-type: none"> <li>➢ AD: 0dB</li> <li>➢ DA:</li> <li>➢ Two/Four-line Impedance: 600 Ohm</li> <li>➢ Return loss: 20 dB</li> </ul>
<ul style="list-style-type: none"> <li>• <b>FXO Switch Interface</b></li> </ul>	<ul style="list-style-type: none"> <li>➢ Ring detect voltage: 35V</li> <li>➢ Ring detection frequency: 17HZ-60HZ</li> <li>➢ Two-line Impedance: 600 Ohm (pick up)</li> <li>➢ Return loss: 40 dB</li> </ul>

### Features:

- Based on self -copyright IC
- Can monitor the remote alarm status
- E1 interface comply with G.703, adopts digital clock recovery and smooth phase-lock technology
- Voice port supports FXO and FXS port, 2/4 wire audio interface, Magnet phone, FXO port docking with program-controlled switchboard, FXS port connected to the user's telephone
- 1~30Channel voice access, supports caller ID feature and reverse polarity billing functions
- Support various sites mutual number allocation function
- Can detect the end device is power-off or E1 line is broken when the lose signal, through the LED indicates alarm
- Provide 2 clock types: E1 master clock and E1 line clock
- Support 6U 13 slots rack plug-in, can realize centralized SNMP, 1U type can equipment with independent SNMP.
- Multiple power mode options: AC220V, DC-48V / DC24V and so on.
- Telephone interface with lightning protection, lightning reached IEC61000-4-5, Short circuit current wave 8/20 $\mu$ s, open-peak output voltage 6KV standards

• 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)

