

E1 Time Slot Mux / 30 FXS/FXO Over E1 Converter



ORDERING INFORMATION

TELESCIENCE (SINGAPORE) PTE LTD
61 Kaki Bukit Avenue 1, #04-08, Shun Li
Industrial Park, Singapore 417943
Tel: 6749 7878 Fax: 6749 4700
Email: sales.sg@telescience.asia

SPOTLIGHT

AN-E1-MUXlite provides conversion between ITU-T G.703 standard E1 framed interface and up to 30 FXS/FXO standard POTS analogue telephone lines.

DESCRIPTION

AN-E1-MUXlite provides conversion between ITU-T G.703 standard E1 framed interface and up to 30 FXS/FXO standard POTS analogue telephone lines.

FEATURE

- E1 G.703/G.704 to POTS FXS/FXO conversion;
- Provides two clock types: E1 master clock, E1 line clock
- Provides 2 kinds of loop-return function, namely E1 self-looping at local end, ordered self-loop at remote end;
- realize the automatically rate set of local device to remote device
- has the function of pseudo-random code testing, convenient for opening of the circuit, and can be used as an error code instrument;
- realizes long-distance monitoring of local device to the remote device based on self-copyright IC;
- E1 supports 75 Ohm unbalanced and 120Ohm balanced impedance at the same time;
- Provides 30 voice channels, support calling number indication, DDI and other features;
- Voice port supports O port and S port, O port connects switch and S port connects user's phone;

SPECIFICATION

E1 interface
Interface standard: Conforms to G.703 standard
Interface rate: N×64Kbps, N:1~31
Code: HDB3
Interface impedance: 75A (unbalanced), 120A (balanced)
Connector: BNC (75 A), RJ45 (120 A)
Vibration characteristic: Satisfies G.742 and G.823 standard
Clock type: internal-clock, line clock

FXS phone port
Ring voltage : 75V
Ring frequency : 25HZ
Two line input impedance : 600A(hanging off)
Wastage : 40 db

FXO switch port
Ring test voltage : 35V
Ring test frequency : 17HZ-60HZ
Two line input impedance : 600A(hanging-off)
Wastage : 40 db

Environmental
Operating temperature: -25 C~+70 C
Storage temperature: -40 C~+80 C
Relative temperature:95% (uncondensed)

Power supply
option I – DC-48V,range DC-36V~DC-72C
option II – AC220V,range AC165V~AC265V

Dimensions:
483 (L) ×140 (W) ×50 (H) mm

Application example:

