

# Synergy Telecom P Ltd.

## E1/RS232 Protocol Converter



### Detailed description :

#### Features

- 1.Convert RS232 interface to FE1(2M framed G.703) interface
- 2.Support  $N*64\text{Kbps}$ ( $N=1-32$ ) rate
- 3.Random distribute timepiece and bandwidth
- 4.Support line resume clock,local clock and equipment clock
- 5.E1 (G.703) interface support 120ohm (RJ-45) and 75ohm (BNC double coaxial)

## Communication

Standard	According ITU-T G.703, RS232 standard
E1 signal (BNC)	IN, OUT
E1 signal (RJ-45)	T+, T-, R+, R-, GND
Working format	Synchronous serial, transparent transfer
E1 interface rate	N*64Kbps(N=1-32)
RS232 interface rate	115200bps
E1 port coding	HDB3
E1port transmission	2KM
E1 port protection	1500V electromagnetism isolate
RS232 port protection	600W surge protection, 15KV static electricity protection
E1 port connector	120 ohm(RJ-45) and 75 ohm(BNC double coaxial)
RS232 port connector	DB-25 female

## Environment

Working temperature -25°C to °C70  
Storage temperature -40°C to 85°C  
Humidity Relative humidity 5% to 95%

### Power

Input power 220VAC  
Consumption 2W

### Dimension

L\*W\*H 227mm\*147mm\*42mm  
Shell Plastic  
Color Black  
Weight 260g