



◆ Framed E1-V.35 Converter

➤ Features

- Based on self -copyright IC
- Have indicator when the device is power-off or E1 line is broken or lose signal;
- The local device can forced the remote device rate follow it(valid when framed)
- The hardware realizes any one of 31 time slot any time slot optional (valid when framed)
- Provide 2 impedances: 75 Ohm unbalance and 120 Ohm balance;
- After strict testing and practical verification system, completely comply with protocol ITU-T V.35, G.703, G.704
- Have three Loop Back Mode: E1 interface Loop Back (ANA)、 V.35 interface Loop Back(DIG)、 Command the remote V.35 interface Loop Back(REM)
- Have pseudo random code test function, easily line opened, can be used as a 2M BER Tester
- V.35 interface supports hot-plug, supports DTE or DCE device interconnection
- Provide 3 clock types: Internal clock, External clock,E1 line clock;
- AC 220V, DC-48V, DC+24V, DC Power and Polarity-Free



➤ Introduction

This interface converter provides one E1 interface and one V.35 interface to achieve framed E1 interface transferring to V.35 interface. The data channel rate is 2.048Mbps. The device has inter-set loop test function to facilitate the project launching and daily maintenance.

➤ Specification

E1 interface

| | |
|---------------------|-------------------------------------------------|
| Interface Standard | comply with protocol G.703 |
| Interface Rate | 2048Kbps \pm 50ppm |
| Interface Code | HDB3 |
| Impedance | 75 Ω (unbalance), 120 Ω (balance) |
| Jitter tolerance | In accord with protocol G.742 and G.823 |
| Allowed Attenuation | 0~6dBm |

V.35 interface

| | |
|--------------------|--------------------------------------|
| Interface rate | n*64Kbps |
| Interface Standard | Compatible with V.35 Standard |
| Connector | DB25 |
| Connect Mode | DCE |
| Clock Type | G.703 restored clock, Internal clock |

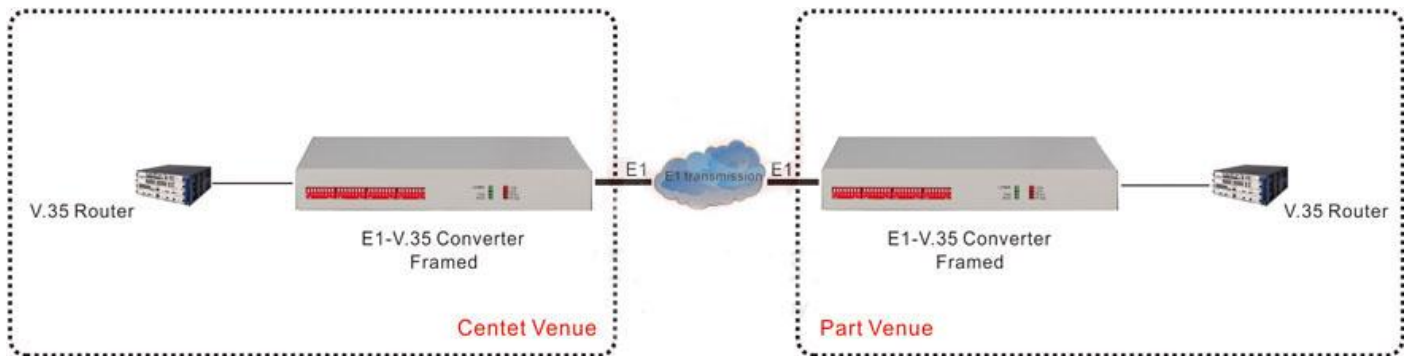
Power

| | |
|-------------------|--------------------------------|
| Power supply | AC180V ~ 260V; DC-48V; DC +24V |
| Power consumption | \leq 5W |

Dimension

| | |
|----------------------------|----------------------------|
| Product Size | 216*140*31mm(W*D*H) |
| Simple packaging | 274*193*84mm(W*D*H) |
| Piece Weight | 1.2KG |
| Working environment | |
| Working temperature: | -10° C ~ 50° C |
| Storage temperature | -40°C ~ 80°C |
| Humidity | 5% ~ 95% (no condensation) |
| Warranty | 3years |

➤ Application



➤ Order information

| Model NO. | Description |
|-----------|---------------------------------------------|
| MW70V | Framed E1-V.35 Converter, AC220V or DC48V |
| MW80V | Unframed E1-V.35 Converter, AC220V or DC48V |