MPEG Transport Stream Converter

SMPTE **HDTV**

Model CL-350

Digital Video Broadcasting

DVB-ASI
SMPTE 310M

The CL-350 is a robust MPEG transport stream converter that is compliant with both ATSC and DVB standards. It converts MPEG transport stream transport streams between SMPTE 310M & DVB-ASI. Any of these formats at the input is converted into all two formats (ASI, SMPTE 310M), available simultaneously, at the output. All outputs are active simultaneously.

Features

- Selectable input: ASI, SMPTE 310M
- Packet size is selectable between 188 and 204 bytes
- Configuration settings are retained in the event of a power loss
- The SMPTE 310M 19.392654 MHz data rate
- Null packet insertion ensures that the converted streams playback smoothly without artifacts
- DVB-ASI Data Rate: 270 MHz +/- 100pm
- Bidirectional Transmission available

Model Selection

CL-350	MPEG transport stream converter

Other Connectors and Distances Available Upon Request

DVB-ASI OR SMPTE 310M

CL-350

90 - 240 VAC
47 - 63 Hz

**Converted SMPTE 310M
or DVB-ASI**

Interface Specifications	**ASI** Connector: BNC 75 ohm Data Rate: 270 MHz +/- 100pm in, +/- 3ppm out Logic Levels: 800mV +/- 10% Data Rate: Accuracy: 3ppm **SMPTE 310M** Connector: BNC 75 ohm Data Rate: 19.392654 MHz Format: Bi-phase-mark coding Max Jitter: 1ppm
LED Indicators	Power, Optical Signal Detect
Dimensions	480mm x 225mm x 44mm
Environment	Operating temperature: 0°C to 50°C Storage temperature: -20°C to 70°C Operating humidity: 10% to 90% RH Storage humidity: 5% to 90% RH
Input Power Requirements	**Electrical Specifications** Maximum Power: 25W Supply Voltage Range: 110-240V Auto-sense Internal Power Power Plug: IEC-C-19 Protection: 3A, 250V Fuse Cooling Fan Capacity: 6 CFM Back Exhaust
Regulatory Compliance	FCC Part 15 Class A, CE, UL, CUL, TUV

COMLAN