

TERRACE DVB TD800

COMMERCIAL VIDEO GATEWAY



The **Terrace DVB** Commercial Video Gateway is a multi-channel QAM to QAM decrypting transmodulator for use for business to business commercial video applications. Demodulated MPEG transport streams are decrypted by DVB CAM technology and then re-modulated to the desired QAM channel.

The Terrace DVB can decrypt using 8 DVB CAMs and provides up to 8 QAM channels to allow a full line-up of customized programming.

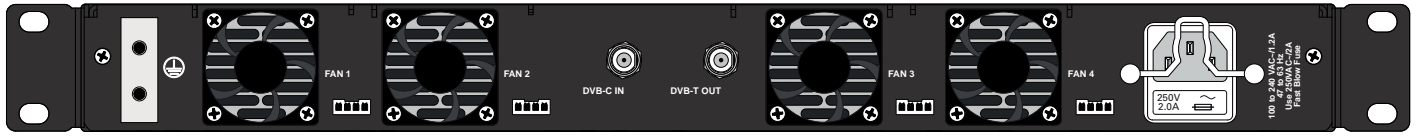


Terrace DVB Front View

Features

- Provide commercial grade HD programming for business to business commercial video applications in Hospitality, Hospitals and MDUs
- Highly integrated - Combines QAM demodulation, demultiplexing, decryption, multiplexing, QAM modulation and upconversion in a single 1RU product
- Demodulate up to 16 J.83 Annex B QAM input channels
- Supports up to 8 DVB CAMs to decrypt up to 64 programs
- Flexibility - Offer both SD and HD programming in the same chassis
- Supports multi service decryption with DVB Professional CAMs
- 8 J.83 Annex B output QAM channels
- Ethernet for remote configuration and management
- Supports pass through of MPEG-2 and MPEG-4 video
- Create a unique Free to Guest Broadcast lineup

Terrace DVB Specifications



Terrace DVB Rear View

QAM Input

Connector	1 x F-type, female
Input Impedance	75 Ω
Modulation	ITU J.83 Annex B; 64, 256 QAM
Tuning Block Freq Range	86 - 1006 MHz (Band Edges)
Max. QAMs Demodulated	16
Input Level	-12 to +15 dBmV per QAM

Processor

TS Format	MPEG-2 TS
Video Format	MPEG-2 and H.264
Audio Format	AC-3

Decryption

DVB CAM Slots	8
CAS Decryption	DVB-CI
Packet Data Format	188 bytes/packet

QAM Output

Connector	1 x F-type, female
Input Impedance	75 Ω
Modulation	ITU J.83 Annex B; 64, 256 QAM
Tuning Block Freq Range	86 - 1006 MHz (Band Edges)
QAMs Modulated	8
Output Level	+25 dBmV ±2.5 dB per channel

Control & Management

Console Port	USB (Type B)
Protocols	SNMP, DHCP, TFTP, HTTPS

Mechanical

Chassis (H x W x D)	4.5 cm x 48.3 cm x 55.9 cm (1.7 in. x 19 in. x 22 in.)
Weight (fully loaded chassis)	5.8 kg (12.75 lbs.)
Operating Temperature Range	0 to 50°C (32 to 122°F)
Humidity Range	5 to 95% non-condensing

Power

Input Frequency Range	47 to 63 Hz
Input Voltage Range	90 to 264 VAC
Power Cord	Polarized, double insulated, UL approved
Power Consumption	< 175 W

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