

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

The Terrace DVB can decrypt using 8 DVB CAMs and provides up to 8 DVB-T/C RF output 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 from CATV source
- Eliminates the need for in-room set-top boxes
- Highly integrated - Combines QAM demodulation, decryption, demultiplexing, multiplexing, DVB-T/C modulation and upconversion in a single 1RU product
- Demodulate up to 16 DVB-C (J.83 Annex A) QAM input channels
- Supports multi service decryption with DVB Professional CAMs
- Supports up to 8 DVB CAMs to decrypt up to 80 programs
- Flexibility - Offer both SD and HD programming in the same chassis
- 8 DVB-T/C RF output channels
- Supports DVB tables for Virtual Channel Numbers
- EIT regeneration for guide data
- Ethernet for remote configuration and management
- Supports pass through of MPEG-2 and MPEG-4 video
- Create a unique Free to Guest Broadcast lineup for business to business commercial video services

# Terrace DVB Specifications



Terrace DVB Rear View

## QAM Input Tuner

Connector	1 x F-type, female
Input Impedance	75 Ω
Modulation	ITU J.83 Annex A; 64, 256 QAM
Tuning Block Freq Range	110 - 858 MHz (Center)
QAM Channel Bandwidth	8 MHz
Max. QAMs Demodulated	16
Input Level	0 to +15 dBmV per QAM

## Processor

TS Format	MPEG-2 TS
Video Format	MPEG-2, H.264, and H.265
Audio Format	AC-3

## Decryption

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

## DVB-T RF Output

Level	+25 dBmV per channel
Frequency Range	174 to 862 MHz
Modulation	16, 64 QAM
Coding Rate	1/2, 2/3, 3/4, 5/6, 7/8
Guard Interval	1/4, 1/8, 1/16, 1/32

## DVB-C RF Output

Level	+25 dBmV per channel
Frequency Range	174 to 862 MHz
Modulation	64, 256 QAM

## Control & Management

Console Port	USB Mini-B
Ethernet Management Port	RJ45, 10/100BASE-T
Protocols	DHCP, HTTP

## 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)	5.5 kg (12.13 lbs.)
Operating Temperature Range	0 to 40°C (32 to 104°F)
Humidity Range	5 to 95% non-condensing

## Power

Input Frequency Range	50/60 Hz
Input Voltage Range	100 to 240 VAC
Power Cord	Polarized, double insulated, UL approved
Power Consumption	< 100 W