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.

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### 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](image)

## 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-CI
- **DVB CAM Slots**: 8
- **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