

# TerraLink-4CM Remote

FULL REMOTE MULTICAMERA PRODUCTION WITH  
FOUR STREAMS FROM A SINGLE 1U RACK

10 Bonded 4G/IP Connection

4x Multicam or 360

>50 Mbps

IFB



Special decoder for debonding

8 built-in modems

Return data for remote camera control

Bitrate 250 Kbit-60 Mbit

## Description

The TerraLink-4CM Remote from Mobile Viewpoint is the first bonded rack transmitter with the ability to encode four synced streams simultaneously, enabling full remote production. The unit makes it possible to do multicamera shoots without the need of an OB van on site.

# Specifications

## INTERFACES

- 2x Ethernet 10/100/1000 Base-T
- HD- SDI
- XLR-3 IFB/Audio return
- 5x USB
- Touchscreen

## INPUTS

- Up to 4 SD; full D1, Pal and NTSC mode
- Up to 4 HD; 720p50, 720p60, 720p59.94, 1080p25, 1080p30, 1080p50 and 1080p60
- Up to 4 HD; 1080i50, 1080i60 and 1080i59.94

## SUPPORTED ENCODING

- H.264
- H.265

## AUDIO ENCODING

- AAC 44-256 kHz

## CONNECTIONS

- 8 Modems, LTE(4G), fallback, 3G
- WiFi
- Ethernet (optional 2)

## RECORDING

- 120 GByte internal
- Simultaneously live streaming and recording in HD
- High quality CBR (Constant Bit Rate) H.264 or H.265 up to 80 Mbit

## INTERNET ACCESS

- WiFi hotspot
- Access via ethernet

## IP MANAGEMENT

- 10/100/1000 Base-T

## HARDWARE

- Dedicated appliance 220 Volt
- Weighs +/- 2.5 kg
- 1U 19' rackmount

## OPERATIONS SETTINGS

- Live: Adaptive encoding and bitrate change with three options or with a slider (optional), with configurable delay between 0.8-60 seconds
- Upload; it sends over recordings and content of an USB stick to a FTP server
- Recording: CBR encoding at 80 Mbit on internal or external SSD disk
- Satellite + 3G/4G+ BGAN: Specific modes to optimize transmission over BGAN and KA satellite. With satellite + 3G/4G we can keep the delay at 1.8 seconds using 3G/4G modems for the return channel and IFB
- Stand-by/data bonding: In this mode the unit is a true data bonding unit for high speed uploads and internet access. Also in the other modes data connectivity is available but live video gets prioritized
- PostPro license (optional): In this mode the system records a high res CBR next to streaming a low res proxy file which can be used for remote editing and support partial retrieve

## AERIALS

- Omnidirectional 0 and 3 dbi
- 11 dB Directional array

## INCLUDES

- PSU 90-220 Volt to 12 Volt DC
- WiFi dongle

## KEY FEATURES

- 4 camera inputs
- 1U rack system
- H.265 encoding
- Return data signal for remote camera control for white balance and color correction
- Live video and data transfer at the same time
- Video return
- 120 GB storage capacity
- Control, manage and administer and connections with the LinkMatrix webportal
- Publish live content directly to many platforms including Social Media and private CDN's
- Comes with special decoder with 4 audio inputs and outputs to overcome separate de-embedding

