TerraLink-M

IP ONLY 19 INCH RACK SOLUTION, UPGRADABLE WITH 8 X 3G/4G MODEMS

MobileViewpoint

CP Communications

Different video resolutions

Different delay settings

Bonds up to 10 connections

H.265

Databonding

Fixed delay time, 2 seconds will remain 2 seconds

Hotspot

USB powered display for detailed system information
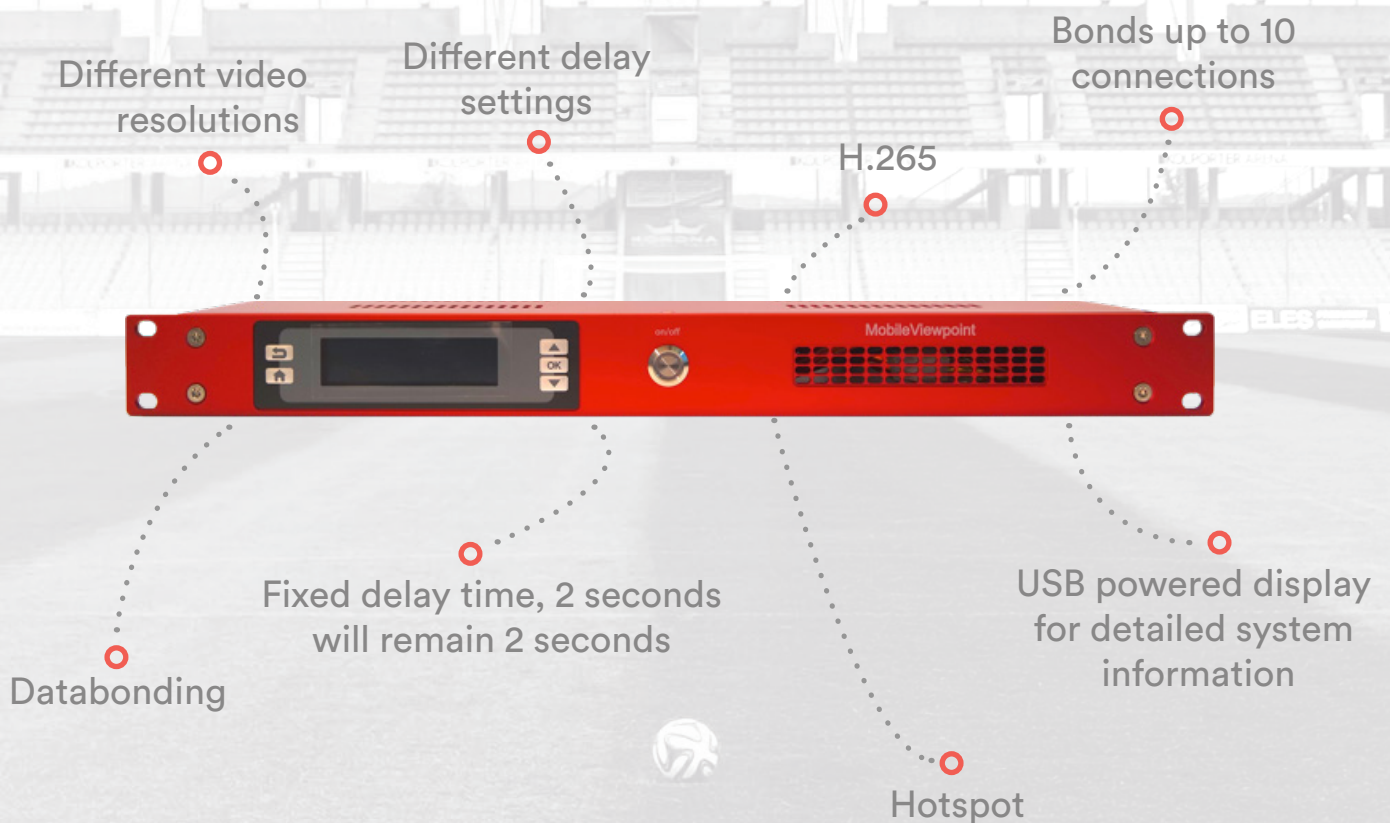
Description

The TerraLink-M encoder is a 19 inch high system with two bonded Ethernet connections and upgradable with 8 × 3G/4G modems. It is the ideal back up solution for SNG trucks, but also enables any video vehicle with a bonded wireless uplink.

Specifications

INTERFACES

- 2x Ethernet 10/100/1000 base-t
- SD;SD- SDI,SD-HDMI, 4 x analog audio balanced
- HD;HD- SDI,HD-HDMI
- Jack IFB/Audio return
- 5 X USB

INPUTS

- SD; full D1, Pal and NTSC mode
- HD; 720p50, 720p60 and 720p59,94, 1080p30 (10080p50, 1080p60 optional with special card)
- HD; 1080i50, 1080i60 and 1080i59,94

SUPPORTED ENCODING

- H 264 high profile MVP codec
- H.265 main profile MVP codec

CONNECTIONS

- 8 Modems, LTE(4G), fallback 3G
- WiFI
- Ethernet

RECORDING

- 120 GByte internal, up to 1T Byte using optional sleeve
- Simultaneously live streaming and recording in SD and HD
- SD: High quality CBR (Constant Bit Rate) in SD H.264 or H.265 up to 30 Mbit
- HD: High quality CBR (Constant Bit Rate) in H.264 or H.265 up to 30 Mbit

IP MANAGEMENT

- 10/100/1000 base-T

HARDWARE

- Dedicated appliance 220 volt
- Weighs approximately 2,5 kilograms
- 1U 19" rackmount

OPERATIONS SETTINGS

- Live: Adaptive encoding and bitrate change with three options or with a slider (optional), with configurable delay between 1-60 seconds
- Upload: it sends over recordings and content of an USB stick to a FTP server
- Recording: CBR encoding at 30 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/Databonding: In this mode the unit is a true databonding 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 next to a high res CBR a low res proxy file which can used for remote editing and only partial retrieve

INCLUDES

- PSU 90-220 Volt AC to 12 Volt DC

KEY FEATURES

- Live video from video vehicles or back up solution for SNG trucks
- Live radio report via the public internet, as alterative for ISDN
- 19-inch 2U high system with two bonded Ethernet connections and 8 x 3G/4G modems.
- Maximize the upload capacity with Wi-Fi and Ethernet connections
- H265 encoding
- Fixed Delay
- Store & Forward
- Hotspot and Databonding
- The system supports both DHCP and fixed IP number configuration
- Separate LCD touch screen for management and configuration
- Control, manage and administer all devices and connections with the LinkMatrix webportal
- Available with 1,2 or 4 SDI inputs