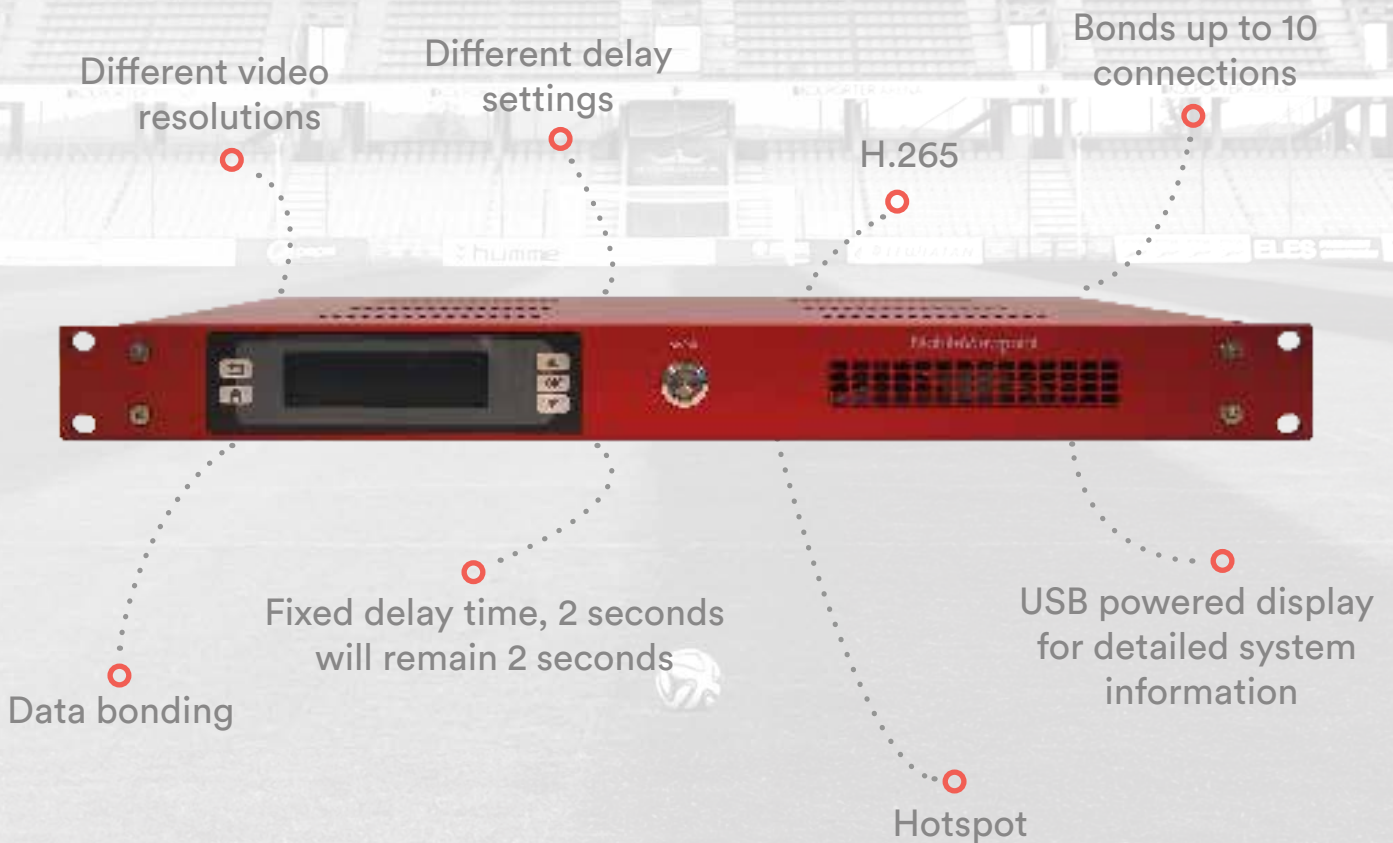


# TerraLink-xC

IP ONLY 19 INCH RACK SOLUTION  
WITH TWO ETHERNET CONNECTIONS



## Description

The TerraLink-xC encoder is a 19 inch high system with two bonded Ethernet connections. 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, 4x analog audio balanced
- HD; HD- SDI, HD-HDMI
- Jack IFB/Audio return
- 5x USB

## INPUTS

- SD; full D1, Pal and NTSC mode
- HD; 720p50, 720p60 and 720p59.94, 1080p30 (1080p50, 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

- No built-in SIM modems
- WiFi (optional)
- Ethernet

## RECORDING

- 120 GByte internal, up to 1 TByte 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 0.8-60 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 + BGAN: Specific modes to optimize transmission over BGAN and KA satellite. With Satellite 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 next to a high res CBR a low res proxy file which can be 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 alternative for ISDN
- 19-inch 1U high system with two bonded Ethernet connections
- Maximize the upload capacity with WiFi and Ethernet connections
- H265 encoding
- Fixed Delay
- Store & Forward
- Hotspot and data bonding
- 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 in 3 different models:
  1. TerraLink-1C: single HD/SD-SDI input
  2. TerraLink-2C: 2 HD/SD-SDI inputs
  3. TerraLink-4C: 4 HD/SD-SDI inputs

