

# NEO

## THE SMALLEST LIVE STREAMING H.265 BONDING DEVICE WITH 4 MODEMS

Hotspot and Databonding

Bundles 4 3G/4G connections + Wifi and Ethernet

H.265

One-touch streaming to Social Media

HDMI

Bandwidth up to 20 Mbit

Data routing up to 120 Mbit

Compact and ruggedized casing



## Description

The WMT NEO is the smallest member of the Link family providing HD SDI, H.265/HEVC encoding and 4 integrated modems. The NEO is the smallest full functional video and data bonding unit providing the best live video quality available in the market.

# Specifications

## INTERFACES

- 2 x RJ-45
- SD and HD SDI
- SD and HD HDMI
- 3 mm Jack IFB/Audio return
- 2 x USB
- Touch screen

## INPUTS

- SD; full D1
- 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

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

## 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

## INTERNET CONNECTIVITY THROUGH DATABONDING

- WiFi Hotspot
- Access via ethernet interface

## IP MANAGEMENT

- 10/100/1000 base-T (combined with second Ethernet port)

## HARDWARE

- Dedicated appliance 12-24 volt
- Weighs approximately 1,1 kilograms
- 11cmx33cmx5cm (wxhxd)

## 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 recording and content of an USB stick to a FTP server
- Recording: CBR ( Constant Bit Rate) encoding at 40 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.

## INCLUDES

- Integrated Antenna Array
- PSU 90-240 Volt AC to 12 Volt DC

## AERIALS (OPTIONAL)

- Dome Antenna; omnidirectional antenna array 3 dBi

## ADDITIONAL ACCESSORIES

- Custom made backpack

## KEYFEATURES

- H.265 encoding
- 4 x build in 3G/4G modems, Wifi and Ethernet
- Wifi hotspot and double Ethernet for databonding and router access.
- Small, compact size
- Solid aluminum casing providing a sturdy and ruggedized housing
- One-touch streaming to Social Media or CDN
- Excellent management of the unit via the touch screen
- Control, manage and administer all devices connections with the Link-Matrix webportal
- Backpack system



**Mobile Viewpoint**

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