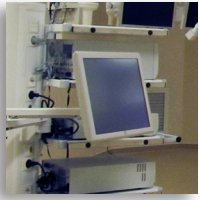


# Expandable 4K Video Over IP Network

## Vy-Net2 Installation Overview



**Connectivity That Grows With You**  
Vy-Net2 is a video over IP network solution that connects video sources to end-point destinations, using minimal hardware. The system uses Ethernet infrastructure.

Vy-Net2 generates uncompressed video with zero latency. It deploys quickly, integrates smoothly, and is ready to expand when future needs change.

An installation can be in a switching system (one encoder to one, many or all end points via multicast) or as a simple point to point streaming device/extender via Cat6a/Cat7 cabling.

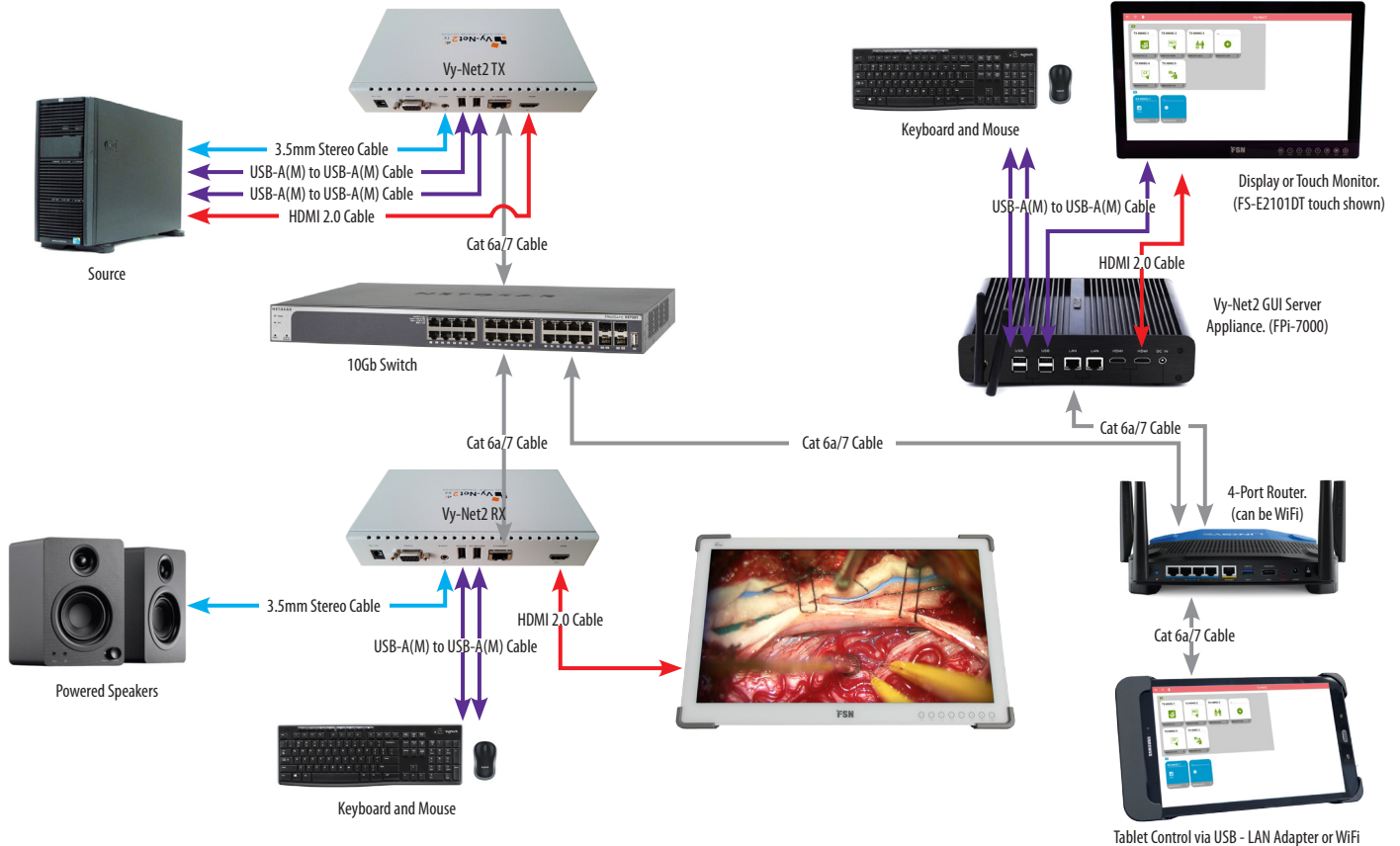
### Simple Interface, Powerful Features

The Vy-Net2 web-based interface helps with initial setup, and controls the daily use of Vy-Net2 devices. The interface routes sources to monitors, up to 4K@60 fps video. The interface also allows naming of sources and monitors, previews active video signals (via Vy-Net1 encoder), has a library of icons for



customization, and offers resizing/repositioning of picture-in-picture or multiview layouts. Audio and KVM functions are also available. The interface operates on any device running Chrome browser with access to the Vy-Net2 network.

Vy-Net2 units are powered by the included power supply. Other requirements include a Wi-Fi router, recommended Cat6a/Cat7 cable, and a 10Gb network switch.



[www.fsnmed.com](http://www.fsnmed.com)

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# Expandable Video Over IP Network

## Vy-Net2 Installation Overview



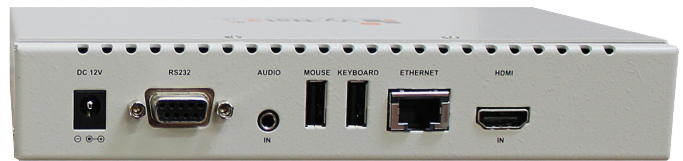
### General Features

Item	TX	RX	Description
Input Signal		•	HDMI 2.0
		•	10GbE (copper)
Output Signal	•		10GbE (copper)
	•		HDMI 2.0
Maximum Resolution	3840 x 2160 @ 60Hz		
Keyboard Connector	USB A-Type x 1		
Mouse Connector	USB A-Type x 1		
Audio Connector	Phone Jack, 3.5 mm		

Item	TX	RX	Description
Unit Dimension	195(W) x 35(H) x 110(D) mm		
	7.68(W) x 1.38(H) x 4.33(D) inch		
Power Supply	DC + 12V		
Operating Temperature	0° - 40° C		
Relative Humidity	1 - 80%, non-condensing		
Recommended Cable	Cat6a/Cat7		
Weight	•		600g, 1.32 lbs.
	•		605g, 1.33 lbs.



Receiver/Decoder



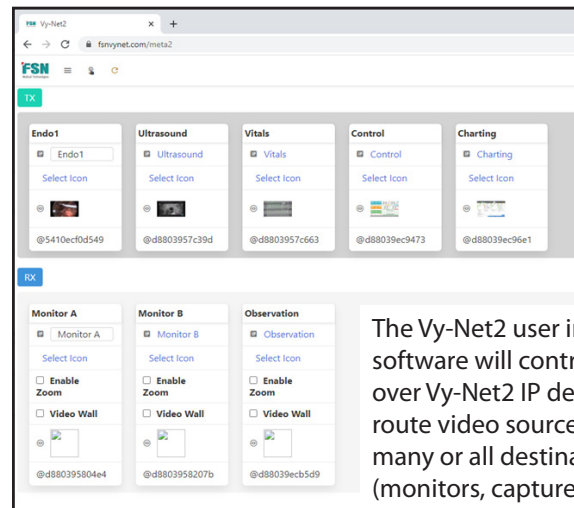
Transmitter/Encoder

### Vy-Net2 system components from FSN.

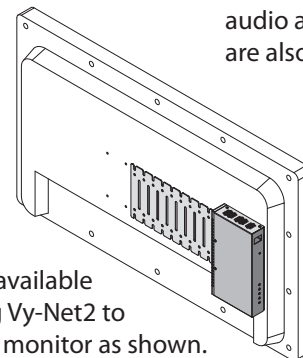
- Vy-Net2 TX/RX 4K video over IP devices.
- Vy-Net2 GUI server appliance FPi-7000.
- FSN 4K medical monitors.
- 10.1" tablet.
- Optional FSN 21.5" or 27" touch monitor.
- Optional FSN IPS740A 4K medical recorder.

### Additional "off the shelf" components (sourced locally).

- Level 3, 10-Gigabit smart managed network switch.
- Recommended - Netgear XS708T, XS712Tv2, XS716T, XS728T, and XS748T with 8, 12, 16, 24, or 44 10-Gigabit Copper ports.
- 4-port 1-Gigabit WiFi router.
- Recommended - Linksys WRT1900ac.
- USB Keyboard & Mouse with scroll wheel.
- Cat6a/Cat7 network cabling.
- HDMI 2.0 video cabling.



The Vy-Net2 user interface software will control video over Vy-Net2 IP devices, and route video sources to one, many or all destinations (monitors, capture and streaming devices etc.). KVM, audio and RS232 functions are also available.



Brackets are available for mounting Vy-Net2 to the back of a monitor as shown.

Specifications are subject to change with or without notice. Doc. # FSN2049 Rev. 11/20

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