

# CEN-NVS100

## Network Video Streamer

For a substitute, please see CEN-NVS200.

The CEN-NVS100 is the perfect accessory for every Crestron® connected home, school, or business, providing a simple solution for streaming video from any camera to touchpanels throughout the facility. It works with all Crestron V-Panel? and Isys i/O® TPMC Series touchpanels<sup>[1]</sup>, allowing easy monitoring of door entry cameras, nursery cameras, or any other video feed. It is also compatible with the **ADMS** Intermedia Delivery System?, letting you view live cameras within its Home Control GUI. You can even use it to add live video monitoring to your remote access solution using our **e-Control®** XPanel application, or to your iPhone®, iPad, or iPod touch® using our **Crestron Mobile?** and **Crestron Mobile Pro?** control apps.

Dual codecs allow the simultaneous streaming of signals with two different video settings. Video settings include adjustable image size, quality, and bit rate. Further options include text and time stamp overlay, plus privacy masking to allow any portion of the video image to be obscured. Up to three motion detection windows can be defined, enabling automated control events in response to movement in specific areas onscreen. Events can also be triggered by an external motion detector connected to the digital input, or when a total loss of signal is detected.

A RS-485 control port is included, providing for remote control of a pan/tilt/zoom camera, with select drivers built-in to support Pelco® D and other popular models.

### SPECIFICATIONS

#### Video

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Input Signal Types: NTSC or PAL composite

Compression: MJPEG video

Streaming: Simultaneously dual-streaming MJPEG over HTTP

Resolutions: 176x112, 352x240, 704x480 (NTSC);

176x144, 352x288, 704x576 (PAL)

Frame Rates: Up to 30 fps @ 352x240 or lower, up to 12 fps @ 704x480 (NTSC);

Up to 25 fps @ 352x288 or lower, up to 12 fps @ 704x576 (PAL)

Users: Live viewing for up to 10 clients

#### Ethernet

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Standards: 10BaseT or 100BaseTX auto-switching, auto-negotiating, auto-discovery, full/half duplex, IEEE 802.3af compliant

Protocols: IPv4, TCP/IP, HTTP, UPnP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CIP

Security: Multi-level user access, password protection, IP address filtering

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### Connectors

VIDEO: (1) BNC female, composite video input;  
Maximum Input Level: 1 Vp-p nominal;  
12V, DIO, 485: (1) 6-pin 3.5mm detachable terminal block;  
Camera control and digital I/O port;  
RS-485: Camera control port; includes built-in drivers for DynaDome/SmartDome, Pelco D, & LI-LIN PIH-7x00 cameras;  
Digital Input: Rated for 50mA @ 12 Volts DC, 2kV isolated, logic threshold 3 Volts DC;  
Digital Output: 400mA sink from maximum 40 Volts DC, 2kV isolated;  
LAN PoE: (1) 8-wire RJ45 female, 10BaseT/100BaseTX Ethernet port;  
Note: AUDIO OUT and IN connectors are for future use; 12VDC power jack is for factory use only.

### Controls & LED Indicators

NET: (1) Green LED, indicates system activity and Ethernet link status  
PWR: (1) Red LED, indicates power supplied from PoE  
HW RESET: (1) Recessed miniature pushbutton, used to reboot the video streamer

### Power Requirements

Power over Ethernet: IEEE 802.3af Class 2 PoE Powered Device

### Environmental

Temperature: 32° to 104°F (0° to 40°C)  
Humidity: 20% to 80% RH (non-condensing)

### Enclosure

Aluminum construction; freestanding, surface, or rack-rail mount (detachable mounting bracket included)

### Dimensions

Height: 1.38 in (3.50 cm)  
Width: 2.96 in (7.50 cm), 3.95 in (10.04 cm) with mounting bracket  
Depth: 5.37 in (13.62 cm)

### Weight

7.06 oz (200 g)

### ACCESSORIES

#### PWE-4803RU:

Notes:

1.

V-Panel requires DGE-1 or DGE-2 Digital Graphics Engine. TPMC-4X not supported.

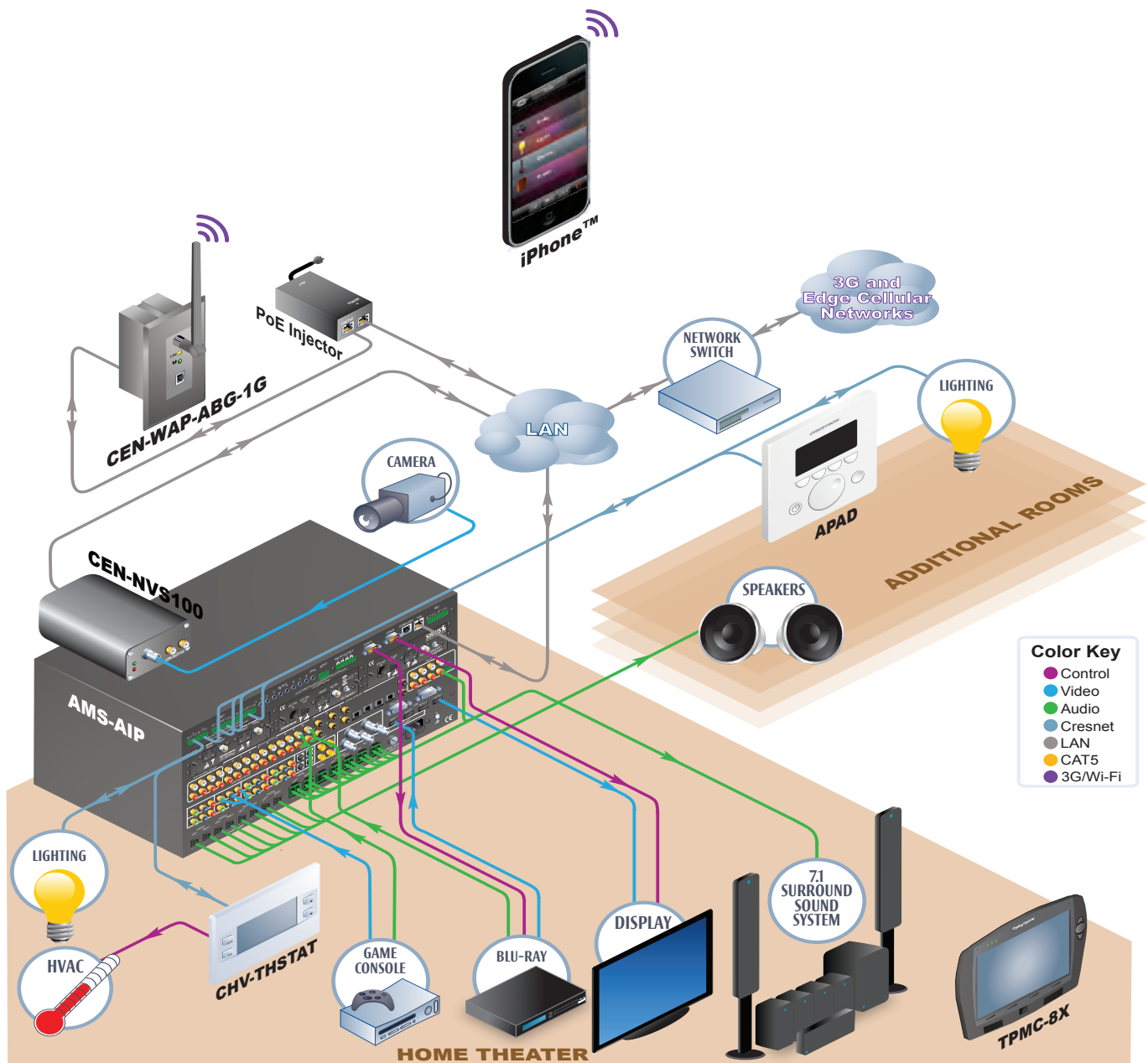
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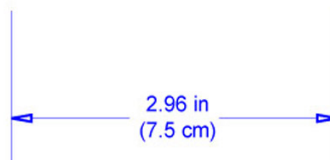
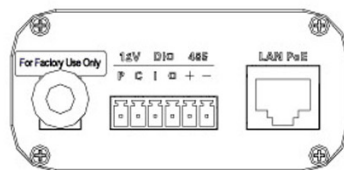
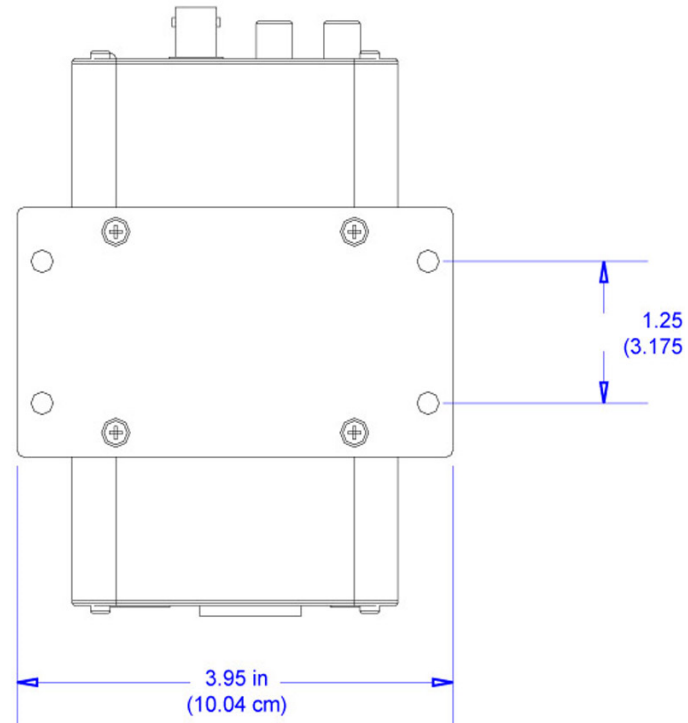
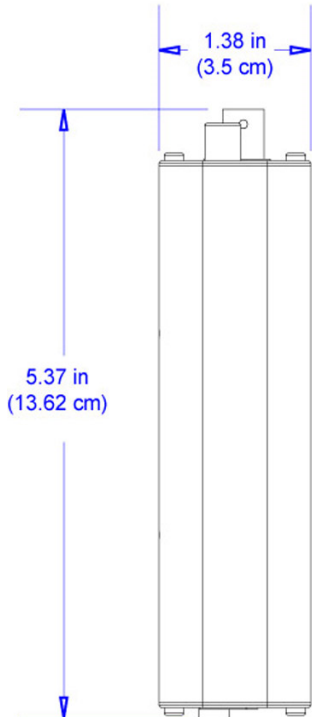
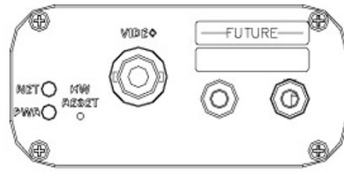
## Network Video Streamer

### Crestron Mobile Pro™ App for iPhone™



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