

Video Gateway



V-NIC 500-240 Series

2xV-NIC 500-540 Series



Overview

Mutualink is an IP-based multimedia communication resource sharing platform that allows public safety agencies and critical community assets to communicate in a manner that is separate and apart from the general public.

Mutualink's Video Gateway revolutionizes situational awareness for first responders and security personnel by allowing all video resources within and among communities to be shared during the management of an incident.

Benefits

- ✓ Safe and Secure over Private Network
- ✓ Acts as a gateway to any video source, video link or video distribution system (VDS).
- ✓ May be configured as either an input device where it will appear as a monitor to the VDS, enabling video feeds to be shared with any Interoperability Workstation or output V-NIC participating in the incident.
- ✓ Can act as an output device, appearing to be a camera to the VDS and transmitted video from any input V-NIC in an incident to any computer or Smartphone with a media player.
- ✓ Mutualink's Video Gateway supports IP, composite or S-video connections and features highly configurable video formatting to achieve the best balance of video quality and bandwidth utilization.

V-NIC SPECIFICATIONS

V-NIC 500-240 Series



2xV-NIC M500-540 Series



MECHANICAL

MECHANICAL	DESCRIPTION
Case Construction:	Ultra Lightweight Aluminum
Case Finish/Color:	Chassis - Black
Case Dimensions (W x H x D):	19" x 1.75" x 11" 1RU Rack Mount 12" X 1.75" X 11" Desk Top
Cooling System:	2 x 25 mm Fans
Weight:	Overall Weight 3.3 lbs to 5 lbs based on model
Operating Environment:	0° C to 60° C / 32° F to 140° F
Shock Resistance:	1,500G, 0.5ms
Vibration:	2.17G (5-700Hz)

ELECTRICAL

ELECTRICAL	DESCRIPTION
Power Requirements:	100-240 50/60 Hz @ 1.8A or 12 VDC @ 5A
Power Supply:	External 80W AC to DC Adapter @ 12VDC

CONNECTORS

CONNECTORS	DESCRIPTION
DC Power:	2.50mm Barrel Connector
ETH0, ETH1 Ethernet Ports:	2 x 8-way RJ45
Analog Radio Port:	1 x DB15 / 2 x DB15 / 4 x DB15
Serial Data Ports:	1 x RS232
Video Ports:	1 x HDMI, 1 x VGA
USB Ports:	2 x USB 2.0, 2 x USB 3.0

FUNCTIONAL

FUNCTIONAL	DESCRIPTION
Front Display:	LCD Display with function buttons
Audio Compression:	G.711 (64Kbps PCM) μ -law, G729 Annex B, Linear 16
IP Protocol Support:	Multicast/Unicast RTP, SIP, RoIP, DiffServ QoS
Network Interface:	2 x 10/100/1000base-T, IPv4, IPv6, 802.1q VLAN
Configuration User Interface:	Browser Based

VIDEO INTEGRATION

VIDEO INTEGRATION	DESCRIPTION
Output V-NIC Analog:	- Supports VVGA or Composite
Output V-NIC IP:	- RTSP Server - Adjustable Transmit Rate, Frame Size, Frame rate & Key Frame Interval
Input V-NIC Analog:	- Supports NTSC or PAL
Input V-NIC IP:	- Supports MP2T over UDP, RTSP Client & RTP - Adjustable Transmit Rate, Frame Size, Frame Rate & Key Frame Interval - Adjustable Color Control including Brightness, Contrast, Saturation & Hue

MISCELLANEOUS


MISCELLANEOUS	DESCRIPTION
Included Accessories:	AC Power Adapter & Cord User Manual
Warranty:	1-Year Parts and Labor


For more information on any of our products or services please contact us:

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