



## VX-100-12v

### Wireless Megapixel Video Transmitter

**The NetVid Labs VX-100-12v enables any POE-capable camera to transmit enterprise-quality video, whether standard definition, megapixel, or multi-megapixel.**

#### Introduction

The VX-100-12v was designed from the ground up for the IP, megapixel, and multi-megapixel IP video surveillance market with solar applications in mind. It allows security professionals complete flexibility in camera selection and location, and enables video stream transmission, of any format, from virtually, anywhere using industry-standard Wi-Fi 802.11b & g.

#### Industry First

The VX-100-12v implements a unique 12v power supply system that requires only one power wire to be run to the entire system. We utilize watertight Molex plug modules for both Ethernet from the camera, and the power wires, making the VX-100-12v fully IP67-rated.

#### Open Standards

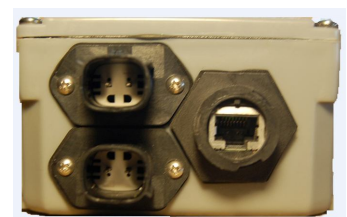
Because the VX-10012v supports all standard network protocols, the protocol and camera stream format is selectable by the user to best suit their requirements. As a pure pass-through device, the VX-100-12v makes the camera accessible by any software that could be used as if it were directly attached: web browser, manufacturer's software, or NVR.

#### Reliability & Performance

The VX-100-12v offers a higher level of stability and reliability when paired with NetVid Labs' VR-100 Video Wireless Access Point. However, it will work with any existing customer Wi-Fi infrastructure that will support the bandwidth requirements of the attached cameras.

#### Key Features

- v Standard 802.11b/g (license-free)
- v Any protocol (TCP, UDP)
- v Fully compliant with all 802.11 Wi-Fi standards
- v Any video format (MPEG4, MJPEG, H.264)
- v Atheros wireless chipset
- v 12v in to VX-100-12v, and out to camera
- v Integrates with any NVR
- v Ruggedized weatherproof outdoor enclosure
- v External N-type antenna connector
- v Watertight Molex Ethernet connector





## Technical Specifications

Network	802.11 b & g
Network Security	WPA-Personal, WPA-Enterprise, WPA2
Frequency	2.4 GHz
Maximum Output Power	26dbm
Range (line-of-sight)	50km (antenna dependent)
Power Method	110v
Power Consumption	5W
Enclosure	Die-cast aluminim, IP67
Size	8.5"L x 6"W x 2"H
Weight	3 lbs.
Environmental	-40 to 85 C
Configuration Management	Any web browser
Utilities	Antenna alignment, discovery utility, transmit power adjustments
Atheros chipset features	5/10/20MHz channels, Fast Frames, Compression, Super Frames

**COMING SOON:  
900mhz for NLOS  
4.9Ghz for Public Safety**