

# Panorama™

## Video Port



PANVP500/PANVP700

*Panorama* PANVP500 and PANVP700 Video Ports

- High Definition Video Distribution
- Single-Gang wall plate
- Outputs Component, S-Video, Composite Video or S/PDIF audio to a local display or A/V Receiver
- IR Emitter output connection (for display control)
- IR Receiver connection (PANVP700 only)
- Control your Sources through an IR receiver
- Control your displays using Macros
- No set top box needed
- Compatible with Musica™ or DigLinX™ Multi-Room Audio and Control systems

*NetStreams' Panorama* is a point to multi-point, line-level video distribution and control system, distributing up to four (4) HDTV-quality (1080i) video sources to six (6) displays. Using standard CAT5 cable, *Panorama* provides consistent signal quality regardless of the distance of the cable run up to 1,000 feet. The result is no signal degradation with the first monitor looking as good as the last - and every monitor in between.

The *Panorama* PAN6400 Video Distribution Center serves as the central video switch and distributes your choice of four (4) composite, four (4) S-video, or four (4) component video sources via CAT5 to up to six (6) *Panorama* Video Ports for output to 6 displays. *Panorama* also is a perfect solution for distributing video and multi-channel audio (S/PDIF via coaxial digital audio) to multiple home theaters in an installation. The PAN6400 also features four (4) video outputs so multiple (up to 100) PAN6400 Video Distribution Centers can be cascaded for distribution of video for larger systems.

The *Panorama* Video Ports are single-gang wall plates that contain active electronics for access to component, S-video, composite video, or S/PDIF signals distributed from the PAN6400 Video Distribution Center. These Video Ports feature composite, S-video, and component video output connections to each local display or A/V Receiver. Two models are available - the PANVP500 (which features an IR Emitter output connection for controlling the display) and the PANVP700 (which features both an IR Receiver input and IR Emitter output connectors and includes an IR Receiver).



*The IP-Based Distributed Entertainment Company*

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Choose the appropriate CLC card (50', 250', 500', 750', or 1,000') and insert it into the Video Port before installation to maximize the quality of the video signal over that run.



### Panorama Specifications

Gain .....	.Unity
Bandwidth .....	.50 MHz
Differential phase error .....	<.0.1%
Differential gain error .....	<.0.1%
Crosstalk .....	<.-62dB
Minimum / Maximum Levels (for example: 0.4V to 2.0Vp-p follows input)	
Input Level (max) .....	+/-.5 V
Input Impedance .....	.75 Ohm or Hi-Z (22 k Ohm)
Output Level (max) .....	+/-. 5 V
Output Impedance .....	.75 Ohm
Signal types .....	.Composite, S-Video, Y/C HDTV, Y/Pb/Pr, YUV, RGB, S/PDIF, AES 75 Ohm
Video Format Standards ...	.NTSC, PAL/SECAM
Operation Temperature .....	.32° to 110° F (0° to 43° C)
Power .....	.one (1) 2V-dc power supply can accept power from 110V AC~ 240V DC
CE certified .....	.Yes
C-Tick Certified .....	.N136
UL listed power supply .....	.81GJE135856
Dimensions	
In-Wall .....	.1.75" x 2.75" x 1.5" (44.5mm x 70mm x 38mm)
External Wall .....	.2.75" x 4.625" x 1.625" (70mm x 70mm x 38mm)
Weight .....	.4.3 oz (0.012 kg)

Both the PANVP500 and the PANVP700 video ports ship with five (5) different Cable Length Compensation (CLC) cards. Each CLC card is designed to attenuate the video signal over various CAT5 cable lengths from the *Panorama* PAN6400. Choose the appropriate CLC card (50', 250', 500', 750', or 1,000') and insert it into the Video Port before installation to optimize the quality of the video signal over that run.

*Panorama* can be used as a stand alone video distribution system or integrated with *NetStreams' Musica 5000* series Multi-Room Audio system, *NetStreams' DigiLinX* IP-Based Multi-Room Audio and Control System, or other control systems via RS-232 or IR. The PAN6400 includes five (5) 3.5mm IR input and five (5) 3.5mm IR output jacks - one of each dedicated to common IR input and output - as well as two RS-232 connections.

Whether using the system stand-alone integrated with *NetStreams' Musica 5000* series Multi-Room Audio system, integrated with *NetStreams' DigiLinX* IP-Based Multi-Room Audio and Control system or other third party control systems, *Panorama* is a breeze to program and install.

Unmatched by comparable systems in the market, the *Panorama* PAN6400 video distribution system features High Definition signal routing, simplified programming, and intelligent integration. Simply put, *Panorama* delivers High Definition Multi-Room Video at an affordable price.

### Excellence in Design

*NetStreams* is focused on providing high quality networked digital entertainment systems. By leveraging its patent pending technologies and applications. *NetStreams* is creating the future of home entertainment – today.

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