

# Panorama™

## Video Distribution and Control Center



### PAN6400 A High Definition Video Distribution and Control Center

#### PAN6400

#### Panorama PAN6400 Video Distribution Center

- High Definition Video Distribution
- 4 global source video inputs
- 6 ~ 18 display outputs
- Up to 1,000 feet for each run
- Enhanced IR routing and control capabilities
- Control your Sources through an IR receiver
- Control your displays using Macros
- No set top box needed
- Compatible with Musica or DigilinX Multi-Room Audio and control systems

NetStreams' Panorama is a point to multi-point, line-level video distribution 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 six (6) displays. The Panorama features two connection modes -- "cascade mode" and "mirror mode". The PAN6400 features (4) video outputs so multiple (up to 100) PAN6400 Video Distribution Centers can be cascaded for distribution of video for larger systems. Or, two Panorama PAN6400s can be connected in a mirror configuration to distribute both video and multi-channel audio (S/PDIF via coaxial digital audio) to multiple home theaters in an installation (with two Video Ports installed in each home theater -- one for video and one for the S/PDIF audio). In addition, the PAN6400 also features fifth video output connection for monitor output for easy visual confirmation of source selection and switching at the rack location.

The PAN6400 Video Distribution Center's sleek and attractive front faceplate features an IR window and attractive LEDs to indicate the display currently being controlled and the current source selected.

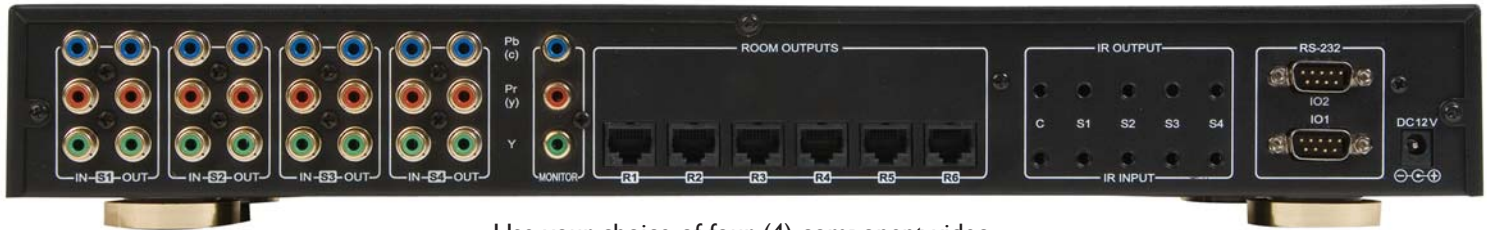
The Panorama Video Ports (sold separately) are single gang wall plates that contain active electronics for access to component, S-video or composite video signals distributed from the PAN6400VDC. Five different Cable Length Compensation (CLC) cards are included to attenuate the video signal over various CAT5 cable lengths from the Panorama PAN6400. Choose the appropriate CLC card (50', 250', 500', 700', or 1,000') and insert it into the Video Port before installation to optimize the quality of the video signal over that run.



The IP-Based Distributed Entertainment Company.

# Panorama™

## Video Distribution and Control Center



Use your choice of four (4) component video, four (4) S-video, or four (4) composite video sources via CAT5, and up to six (6) *Panorama* Video Ports located up to 1,000 feet away!

### HDTV-Quality (1080i) Video Distribution



PANVP500 and PANVP700 sold separately

#### Panorama Specifications

Gain	.....Unity
Bandwidth	.....50 MHz
Differential phase error	.....<0.1%
Differential gain error	.....<0.1%
Crosstalk	.....<-62dB
Minimum / Maximum Levels	
<i>(for example: 0.4V to 2.0Vp-p follows input)</i>	
Input Level (max)	.....+/- 5V
Input Impedance	.....75 Ohm or Hi-Z (22 k Ohm)
Output Level (max)	.....+/- 5V
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 12V-dc power supply can accept power from 110V AC~ 240V DC
CE certified	.....Yes
C-Tick Certified	.....NI36
UL listed power supply	.....81GJE135856
Dimensions (WxHxD)	.....15.8" x 2.6" x 9" (403mm x 67mm x 230mm)
Weight	.....5.8 lbs (2.65 kg)
RS-232 Baud Rate and protocol:	.....9600kbs, No parity, 8 bit, 1 stop bit

*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 with other third party control systems, *Panorama* is a breeze to program and install. The PAN6400 Video Distribution Center is a 1.5u high, standard rack width product that can be set top mounted or rack mounted with the attachment of rack ears (included).

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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