



*HyperCube™
HyperControl™
HyperLan™*



*State of the art
Control Room Solution*



Global Control Room Solution

▶ **LANETCO** has been one of the top world players in providing comprehensive video wall solutions for more than a decade. LANETCO's latest control room solutions ensure quality, long term performance, reliability, security and state of the art top level technology. HyperCube™ series of control room tools provide a great deal of flexibility and versatility to handle any kind of demanding application in a very user friendly and professional manner.

Besides the performance and reliability, LANETCO systems enjoy the ISO9001 certified quality and present the following main powerful processing features.

- ✓ Display units powered with fully integrated octal PIP processor.
- ✓ System support for Standard Video, SDI, DVI, HDTV and High resolution RGBHV.
- ✓ Support for black box routing systems and converters.
- ✓ Up to 8 different LANs connection combined with high processing power for any demanding application.
- ✓ Budget limited number of display channels.
- ✓ Budget limited number of LIVE images of any industry standard format.
- ✓ Budget limited number of display units under integrated control.
- ✓ Powerful wall control software (HyperControl™).
- ✓ Powerful LAN capturing and management system (HyperLAN™).
- ✓ Unparalleled, unique image display redundancy functionality.
- ✓ Up most reliability.
- ✓ Most reasonable price/performance ratio.
- ✓ Unparalleled technical support direct from the manufacturer.



Example1: 3 x 2 simple Multi-Channel Hyper Cube wall.



Example2: HyperCube 3 x 2 with several channels connected to direct cameras, HyperVisions, 2 external switchers (1 video and 1 RGB) and Converters and DVI distributors.

Never before any manufacturer has mastered HDTV, Serial Digital Video, Digital graphic on the same screen along with Local Area Network Captured Images as done by worldwide from LANETCO's network of partners and vendors.

System Hardware - HyperCube™ - HyperLan™ Processor

Thanks to the processing power integrated into HyperCube™ units and the accessibility of the HyperLan™ system through LANETCO's control room solutions respond to a wide variety of demanding applications. HyperControl Client-Server architecture management either locally or through the LAN. Beyond all the standard requirements existing on any now-a-days network system brings the possibility of integrating and management of more professional tools such as HyperVision (external router switchers (allowing a large number of external sources) and various analog image to digital image converters for overall wall signal integrity. No user intervention is required to manage these external devices once they are cabled and correspondingly configured in HyperControl. HyperCube's high number of display channels allow user to connect several LAN processors in parallel.

HyperCube™ main features:

- ▶ High quality internal graphic & video processor.
- ▶ Supports 5 input signal formats (Video, Graphic, DVI, SDI and HDTV).
- ▶ Supports up to 8 input boards per cube.
- ▶ Up to 8 live simultaneous images on each cube.
- ▶ Any number of signal connections using LANETCO or third party routers.
- ▶ Any input type may be mixed and displayed.
- ▶ Possibility of labeling each source and showing it through OSD.
- ▶ Multiple internal test signals and color patterns.
- ▶ Possibility of image shrinks and zooms.
- ▶ And much more...



**International
LANETCO**

HyperControl™

▶ System Control and management Software (HyperControl™):

HyperControl™

helps user take full advantage of unprecedented functionalities made possible by HyperCube™ and HyperLAN™.

Client component of HyperControl™ software provides fully featured simplified control of HyperCube™ wall of any dimension.

For applications where network functionalities are required, HyperControl™ Client and Server components tied to the HyperLAN™ server hardware offers unparalleled ease of use.

HyperControl™ is composed of the following main components:

- ✓ **Basic Version:**
Manages Basic control tasks for HyperCube™ systems (Also may be referred to as HyperControl-Client in case network functionalities are activated).
- ✓ **Matrix switcher/HyperVision™:**
Manages Router Switchers as additional peripherals, and automatically calculate ties connection to display user's image.
- ✓ **Network communication:**
Client Module allowing the use of the HyperControl-Server for managing HyperCube™ wall from anywhere on a Local Area Network (HyperControl™ through LAN).
- ✓ **Remote Control:**
Client Module allowing the use of the HyperControl-Server for image Capturing of LAN workstations as well as running LAN applications on the HyperLAN Server.
- ✓ **Demo:**
for educational purposes when no video wall is available.



HyperControl™ basic version main features:

Hardware Definition:

- ▶ Fully graphic mouse controlled drag & drop hardware definition.
- ▶ Input source setting (RGBHV/Video/DVI/SDI/HDTV).
- ▶ External hardware setting (Router, Distributors, Converters).
- ▶ Input board settings.
- ▶ Setting links between all the project hardware elements.
- ▶ Monitoring external hardware.
- ▶ Automatic programming of routers according to input selections and images.
- ▶ Built-in compiler to prevent wrong hardware settings.

Direct Control Panel:

- ▶ System power On/Off.
- ▶ Instant memorization of the displayed setup.
- ▶ Internal pattern control.
- ▶ Inspection of cube internal parameters.
- ▶ Lamp age reading and control.
- ▶ Microchip version reading.
- ▶ DLP color settings.
- ▶ DLP color index settings (only available on LANETCO's HyperCube).

Image Configurations and sequences:

- ▶ HyperControl allows as many wall and image configurations as required.
- ▶ Real time image management and live display.
- ▶ Fully mouse controlled.
- ▶ Multiple cross adjustment possibilities for each image ease of color and parameter adjustments.
- ▶ Manipulations of image configurations.
- ▶ Image tagging for easy recognition of input sources.
- ▶ Different access Supervisor /User levels for more security.
- ▶ SQL database saving for more software security.
- ▶ Unique indexed configurations systems for more speed.
- ▶ Drag and drop time based sequence creation and running.

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