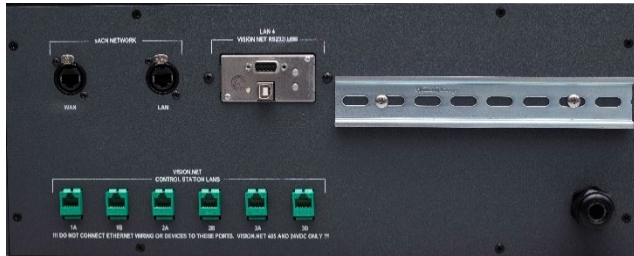


Vision.Net Management Appliance



FEATURES

- Web interface for easy configuration, monitoring, and control with password security.
- Standard 19" rack mount chassis suitable for new and retrofit applications.
- Direct replacement for Strand Premiere processors using existing wall and rack-mount enclosures.
- High-visibility power switch to quickly energize and de-energize control system.
- Vision.Net VN485 splitter indicator lights provide diagnostic information and traffic status for connected devices.
- LCD with dial for system configuration and diagnostic information.
- Astronomic and real-time event schedule accessible via Touch Panels and web interface.
- Support for new Cat5/Cat6 station wiring as well as existing Strand Premiere & Outlook, EDI TSC, Colortran Viewpoint, and other legacy RS485 systems.
- Accessory DIN rail provided to mount additional Vision.Net or 3rd party control devices to the back of the core for customization per application.

CAPACITY

- Each Core supports up to (4096) channels of control via Vision.Net, ShowNet, sACN, and/or ArtNet. Multiple Cores can be linked via ethernet for larger systems.
- Up to (255) unique control stations per area/core. Each Area supports up to (255) rooms with up to (255) channels per room.
- Integrated power supply supports up to (30) wall stations per core via VN485 station LANs. Additional stations are supported by adding Core2 or VisionLynx Expander appliances.
- (4) isolated VN485 links per Core supporting up to (6) segments or "spokes" of station wiring.
- USB-B and RS232 ports for communication with other systems via published ASCII protocol or selected shade control protocols.
- TCP/IP LAN ethernet port for control, configuration, and UDP communication with other systems.
- TCP/IP WAN ethernet port for monitoring or webpage control from other networks.
- Configuration backup and restore via Vision.Net Gateway's web interface.

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SYSTEM

- Ethernet native system with support for sACN, ArtNet, ShowNet, and Vision.Net protocols.
- DMX512A input and output via connected nodes and gateways.
- Operates as a stand-alone system or in conjunction with other control sources with assignable priorities.
- Supports snapshot of incoming levels as well as “take control” switching on a discrete or room level.
- NTP time clock server supporting real and astronomical events.
- Additional Cores, Touchscreens, Appliances, and Vision.Net enabled dimming and switching panels can be linked via VN485 serial or TCP/IP Ethernet networks.
- Integrated VN485/ Ethernet bridge provides connection of local control stations at each core.
- Multiple Cores can be connected via TCP/IP Ethernet for a scalable, distributed system on larger applications
- Optional DHCP server to easily manage connection of customer-provided devices for browser based-control on wired or wireless networks.
- Timed event scheduling and management via connected touch panels and browser-based devices.

WEB INTERFACE

- System configuration and monitoring.
- Schedule, monitor, create, and enable/ disable timed events.
- OTG (On-The-Go) web interface provides touch screen functionality on connected devices via a web browser. Expands VN Preset functionality to include dynamic streams as well as static presets.
- Backup and restore system configuration.

PHYSICAL

- 19” Rack Mount Appliance (4RU)
- Finish: Powder Coat Supervisor Gray
- Electrical: 120vAC 50/60Hz, 2A
- Ambient Temperature: 32° – 104°F
- Relative Humidity 10% to 90%, non-condensing.

ORDERING INFORMATION

Part #	Description
PLVLCORE2	VisionLynx Core2 Vision.Net Management Appliance (includes (6) Legacy Wiring Adapters). 19” Rack mount Appliance (4RU). Gray Finish.

ACCESSORIES

Part #	Description
PLVLEXP	VisionLynx Expander. Connects up to (6) VN485 LANs to a Vision.Net Network (includes (6) Legacy Wiring Adapters). 19” Rack mount Appliance (4RU). Gray Finish.
PLVLLEG	Legacy Wiring Adapter. 12” Adapter Cable with (1) Molded RJ45 and (1) 9-Pin Female Vision.Net Connector. Includes 9-Pin Male Vision.Net Connector.
PLVLCORE2DP	Hinged DMX Expansion Panel. Adds (1) Universe DMX In/ Out/ Thru to Core2 and Expander Appliances. Includes Hinged Panel with 1-Universe Vision.Net Interface. 19” Rack Mount (4RU). Black Finish.
PLVLCORE2NP	Hinged Network Expansion Panel. Includes Hinged Panel, (1) 8-Port Managed Ethernet Switch, and (1) 2-Port DMX Gateway. 19” Rack Mount (4RU). Black Finish.
PLVLMK7E	Rack Mount Ears to adapt Core2 or Expander to EDI Mark VII rack.
CAT5E-005-GN	5' CAT5e RJ45 Patch Cable - Green

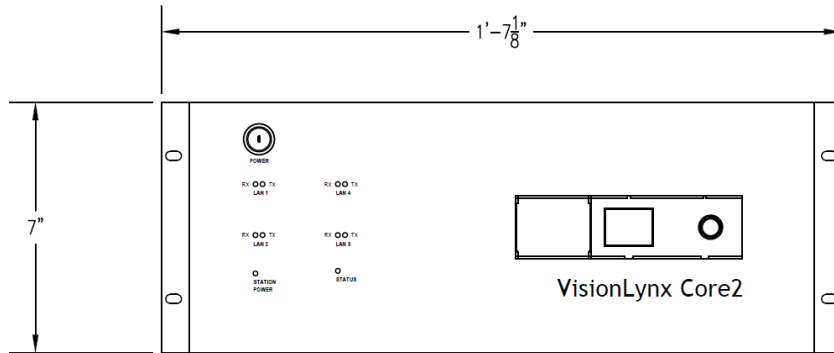
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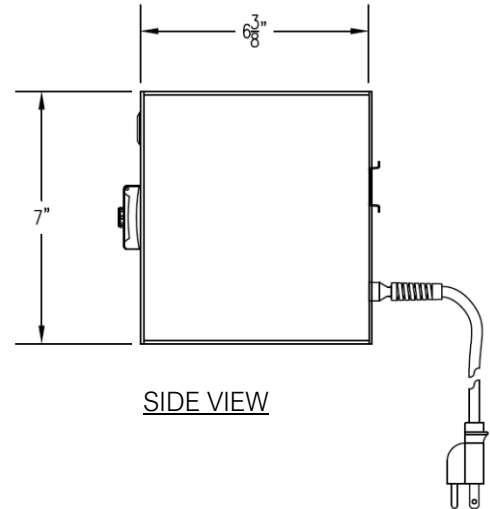
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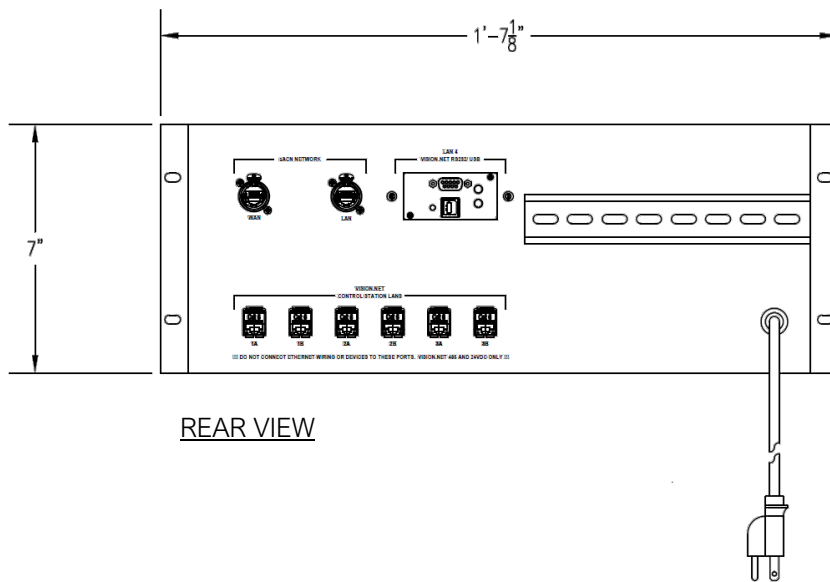
DIMENSIONS



FRONT VIEW



SIDE VIEW



REAR VIEW

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