

Prysm Systems QuadLynk

The Prysm Systems QuadLynk (PR-SA1) is an optional component of the Prysm Systems Collaboration Solution that allows the sharing of video sources over a network. Video sources (such as laptops, cameras, media players, and video teleconferencing systems) are connected via HDMI and streamed to one or more Prysm Systems Application Appliances for display. Up to four channels of 1080p@60 video can be connected to a single Prysm Systems QuadLynk, and multiple units can be connected simultaneously through an Ethernet switch.

The Prysm Systems QuadLynk eliminates the need for HDMI extenders, distribution amplifiers, and splitters when extending video to a Prysm Systems Application Appliance. The QuadLynk provides a “single wire” solution; when used on a LAN with Power over Ethernet (PoE) capabilities, the LAN both powers the unit and routes the connected video. Front panel indicators provide immediate video and client connection status.

For flexibility in deployment, the Prysm Systems QuadLynk can stand alone on a conference table, be mounted into a 19" equipment rack (optional accessory) or be attached to a surface such as a table, desk, or wall by the use of supplied flat-mount brackets.

For more information, contact us at sales@prysmsystems.com, or +1.408.586.1100, www.prymsystems.com

Features and Benefits

- ▮ Intuitive live sourcesharing.
- ▮ Efficient cabling by encoding 4 HDMI inputs over an Ethernet link to the Prysm Application Suite.
- ▮ Powered with a wall outlet adapter, or via PoE for broader placement options.
- ▮ Multi-source sharing—up to 10 Prysm Systems Application Appliances can view the video sources, with up to 4 for any single video source.
- ▮ Enables Prysm Application Suite source sharing across LAN/WAN networks.

Front Panel

- ▮ Power Status LED
- ▮ 4 Video Status LEDs

Back Panel

- ▮ 4 HDMI video inputs
- ▮ RJ-45 Internet LAN connection, PoE-capable
- ▮ Option of DC power input

...continued on reverse



Specifications

Source Voltage	110 v, 240 v to power adapter
Power Options 1	Power adapter: 12 v @ 2 A Power over Ethernet Compliant IEEE 802.3 at PD 25.5 W maximum
Power Consumption	Dissipation 19.5 W max
Operating Temperature	0° C to 40° C (32° F to 104° F)
Continuous Operation	24/7
Default Resolution and Frame Rate	1920x1080p30 5 Mbps output bit rate
Audio	44.1 or 48 Khz (depending on input) 128 Mbps output bit rate AAC (Advanced Audio Coding)
Network	TCP/IP One IP address for four channels IP assignment via DHCP with failover to fixed IP
Security	Password protected admin pages and stream Point-to-point physical connection option

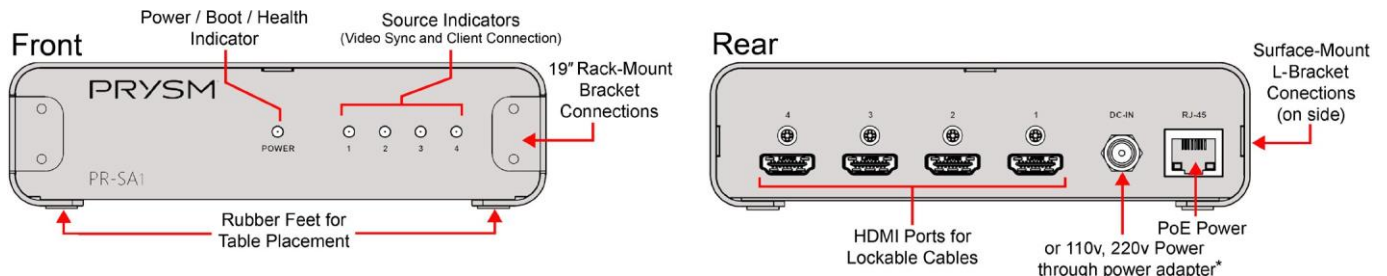
¹ If PoE is used (recommended), DC power adapter is unnecessary.

On-Screen Display 2	Source name, time/day/month/year Fully customizable placement, size, color
Ports	DC input RJ-45, one Gigabit Ethernet, PoE 4x HDMI video inputs
Power Adapter	12 v @ 2 A power adapter with power cable
Cables Included	1x Cat5e (PoE) Ethernet cable (25 ft) 4x HDMI cables with locking connectors (3.3 ft)
Indicators (LEDs)	Power state, network connection, health and status, video sync, client connection
Enclosure	Stand-alone metal case with mounting points
Dimensions, WxHxD	100 mm x 40 mm x 82 mm (3.94 in. x 1.57 in. x 3.23 in.)
Weight	.5 kg (1.10 lb)
Placement Options	Table-top placement with rubber non-slip feet Surface-mount L-brackets
Optional Mounting 3	2x Quadlynks side-by-side in 1 RU 19" rack mount bracket
QuadLynk Compliance	RoHS, WEEE
QuadLynk Certification	CE, NRTL (US & Canada), FCC Part 15 (Class A)
Pwr. Adapt. Compliance	RoHS, WEEE
Pwr. Adapt. Certification	CE EN55032 + EN55024, FCC Part 15B, VCCI J55022 (V3 + V4), CCC GB4943.1 + GB9254.20

² OSD setup, as well as many optimizations to fit end-users needs, are available as Professional Services.

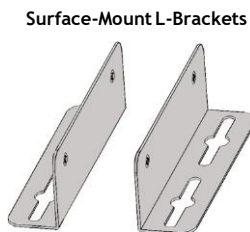
³ 19" rack-mount bracket available separately.

QuadLynk Front and Rear Panels

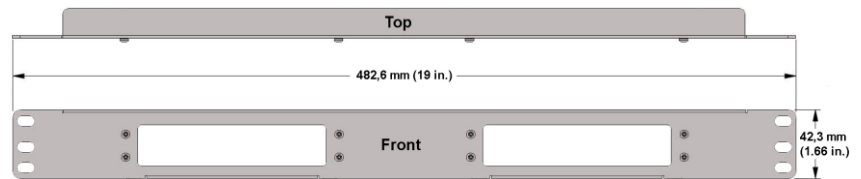


*Must use RJ-45 for data. If not power-capable, DC power to DC-IN port must be used.

QuadLynk Mounting Options



19" Rack Mount Brackets (available separately)



Illustrations not to scale

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