

LDK Connect Gateway

GATEWAY BETWEEN C2IP CAMERA CONTROL NETWORK AND A PUBLIC ETHERNET-BASED NETWORK

Provides a platform for both the current C2IP XML Gateway, LDK diagnostics, as well as for future software applications.



As part of Grass Valley™ Fusion, our commitment to providing tighter integration and control between Grass Valley products, the LDK Connect Gateway opens up camera control in ways you've never thought possible.

The LDK Connect Gateway is a dedicated platform that can simultaneously access the C2IP camera control network and a public Ethernet-based network.

The overall scope of the LDK Connect Gateway is to provide a platform for both the C2IP XML Gateway, LDK diagnostics, as well as for a number of software applications.

The first application available is the integration with the Kayenne™ Video Production Center and the Kayak™ switcher which gives TDs control over

multiple cameras directly from the switcher control panel via an Ethernet interface. This includes tally for each camera, with controls that include auto iris, auto black level, filter wheel position, and color bars.

Scene files from multiple cameras can also be recalled quickly and simultaneously. This includes complex setups, such as camera shading, which are created and stored by video engineers on-location or in the studio.

Additional operational applications will follow shortly.

LDK Diagnostics

The LDK Connect Gateway also contains an LDK diagnostics tool which gives an immediate update of the diagnostics

data available in the LDK components via the C2IP network. Types of cameras, software packages, temperatures, video format, transmission diagnostics, and more are available in user-friendly overviews. Alerts will be generated when discrepancies occur.

Software Development Kit (SDK)

For integration of applications developed by a third-party, a dedicated Software Development Kit is available which also includes a Gateway and camera simulator.

Please go to http://www.grassvalley.com/ad/ldk_connect_gateway_sdk for the SDK request form. Submit the form and the SDK will be made available to you at no charge.

KEY FEATURES

- Gateway between external devices and camera control network
- Diagnostic tool for LDK components in the C2IP network
- Uses reliable and cost-effective Ethernet network infrastructure
- Uses widely accepted XML as its message protocol
- Hardware platform is built into a convenient 1 RU rack mounted industrial server
- Dual Ethernet port configuration for fully separated public Ethernet and C2IP network operation
- Redundant power supply for fail-safe operation
- Interfaces for standard VGA monitor and USB devices directly on the server
- Supports Grass Valley Fusion

SPECIFICATIONS

Processor: Intel Core i3 2.93 GHz

Memory: 2 GB RAM

Drive: 160 GB SATA HDD, hot-pluggable

LCD diagnostics

Connectors front:

- 15-pin VGA for connecting a monitor during setup
- 2 USB 2.0 for keyboard/mouse during setup

Connectors back:

- NIC-1 RJ-45 1 GB Ethernet for the public network
- NIC-2 RJ-45 1 GB Ethernet for the C2IP network
- 15-pin VGA for connecting a monitor during setup
- 2 USB 2.0 for keyboard/mouse during setup

Two redundant 400 watt power supplies

Dimensions (without bezel) (HxWxD):

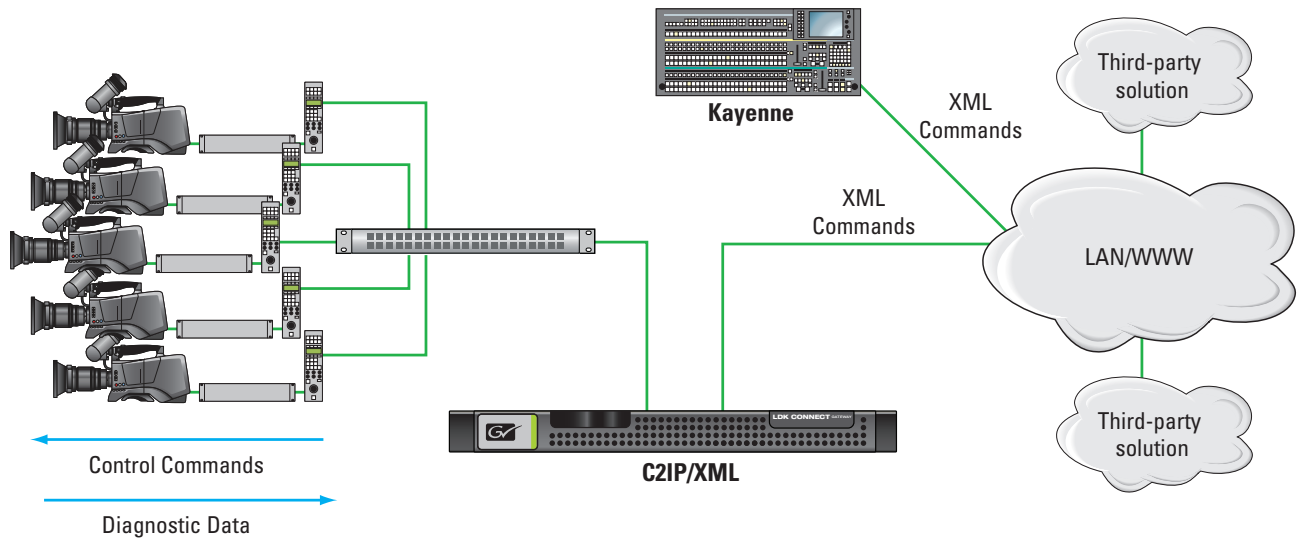
- 42.4 x 434.0 x 610 mm (1.67 x 17.10 x 24.00 in.)



ORDERING INFORMATION

Please contact your authorized Grass Valley representative.

www.grassvalley.com/sales



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