ClearOne

VIEW® Lite Controller CJ100

Network Media Streaming

VIEW® Lite is the newest and most economical addition to our AV over IP Streaming line. It provides essential functionality that meets the full needs of simple AV over IP applications while simultaneously delivering superb price-to-performance value.

VIEW Lite is a JPEG2000 compression technology based solution, with very low latency at about 1.5 frames, end-to-end, with resolutions of 4K60 with 4:2:0 color space; and 4K30 and 1080p60 with 4:4:4 color space support for ultra high-quality live video streaming and distribution applications over a dedicated IP network.

VIEW Lite Features

+ Lowest priced AV over IP streaming solution
+ JPEG2000 codec standard technology
+ Very low end-to-end latency of around 1.5 frames
+ High bandwidth requirement of around 850 Mbps
+ 4K60 resolution with 4:2:0 color space support
+ 4K30, 1080p60 resolution with 4:4:4 color space support
+ HDCP for content protection
+ USB HID control through keyboard/mouse
+ IR and RS232 control
+ Local loopback output
+ PoE and DC power

APPLICATIONS

Corporate

Education

Hospitality

Entertainment

Transportation

Houses of Worship

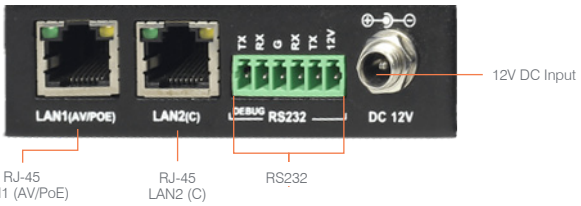
AVoIP®

VIDEODSP™

VIEW® Lite Controller CJ100

Front Panel

Back Panel



PRODUCT SPECIFICATIONS

Control

Serial RS232 Port:
RS232 Pins TX, RX, G are used for device troubleshooting only
Pins G, RX, TX are used for controlling, configuring and managing system
Pins G, 12V are used for providing a 12 VDC 0.5 A output

LAN1 (AV/PoE):
RJ-45 Ethernet jack with PoE support
IEEE 802.3AF PoE PD standard
10/100/1000Mbps Ethernet Port
Connects to a switch for communication with encoders and decoders on the same network.

LAN2 (C):
RJ-45 Ethernet jack without PoE.
Used for 3rd-party controller controlling, configuring and managing system.

General

Reset:
Factory reset by pressing the button continuously for 5 seconds

LEDs:

Indicator	Response
Status	Illuminates Blue when IP controller is working properly; otherwise LED is off.
Power	Illuminates Red when power is applied from PoE or external power supply.

Power:
12V 1A DC power supply with locking (included)

Mechanical

Dimensions (W x H x D):
3.67" × 1.02" × 5.46"
(93mm × 26mm × 139mm)

Weight:
0.84 lbs (0.38 kg)

Mounting:
Mounting ears included

Operating Temperature:
32 to 104 °F (0 to 40 °C)

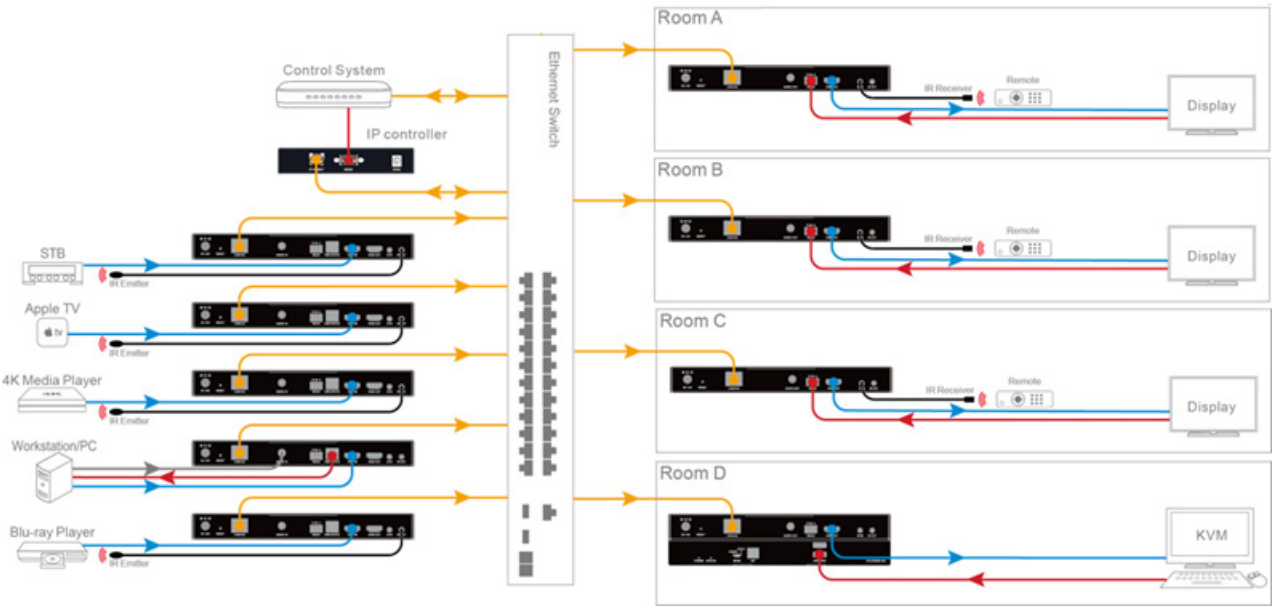
Part Number

VIEW Lite Controller CJ100: 910-0100-003

Other VIEW Lite Products

VIEW Lite Encoder EJ100: 910-0100-001

VIEW Lite Decoder DJ100: 910-0100-002



SALES AND INQUIRIES

Headquarters
5225 Wiley Post Way,
Suite 500
Salt Lake City, UT 84116

US & Canada
Tel: 801.975.7200
TollFree: 800.945.7730
Fax: 801.303.5711

International
Tel: +1.801.975.7200
global@clearone.com

Sales
Tel: 801.975.7200
sales@clearone.com

TechSales
Tel: 801.974.3760
techsales@clearone.com

TechSupport
Tel: 801.974.3760
tech.support@clearone.com

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