

DATA SHEET



Network Controller for HDMI® over IP

Remotely configure and control connected HDMI over IP Encoders and Decoders

OVERVIEW

The Network Controller for HDMI over IP is a Linux-based PC that allows users to control HDMI over IP products, supporting video wall and multiview connectivity. The Network Controller may be managed via a Web interface or the C2G AVoIP Control Smartphone & Tablet App.

When installed on a local area network (LAN), the Network Controller will scan the LAN for connected C2G HDMI over IP products allowing the user to auto-discover, configure, manage connectivity and support firmware upgrades for the AV over IP devices through the Web interface. The Network Controller may also be managed by the C2G AVoIP Control App for a more user-friendly experience.

An Application Program Interface (API) is available — supporting several third-party partner control applications running on smartphones and tables.

Note: When installed in an electrically noisy environment, an STP cable must be used. Also, cross-connection reduces the effective distance depending on the grade of twisted cable used.

FEATURES

- Provides centralized setup, configuration, and control of a HDMI over IP system, including auto-discovery of devices
- Managed via web interface or smartphone control app
- Base platform to develop automation control applications
- Firmware updates through centralized management
- Application Program Interface (API) supports a number of third party partner control applications

ITEM DESCRIPTION

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SPECIFICATIONS: Network Controller for HDMI over IP

ELECTRICAL SPECIFICATIONS:

- CPU: Intel Celeron J1800 Processor, @ 2.41GHz 4 cores
- Memory: 2GB DDR3
- Display: Integrated Intel HD Graphics, 1x HDMI and 1x VGA
- Keyboard and Mouse: USB keyboard and mouse (not required and not included)
- Operating System: Ubuntu 18.04 LTS

PHYSICAL SPECIFICATIONS:

- Operating Temperature: 0°C to 50°C
- Operating Humidity: 10% to 90% (non-condensing)
- Storage Temperature: -20°C to 80°C
- Storage Humidity: 10% to 90% (non-condensing)

PHYSICAL CHARACTERISTICS:

Front Panel:

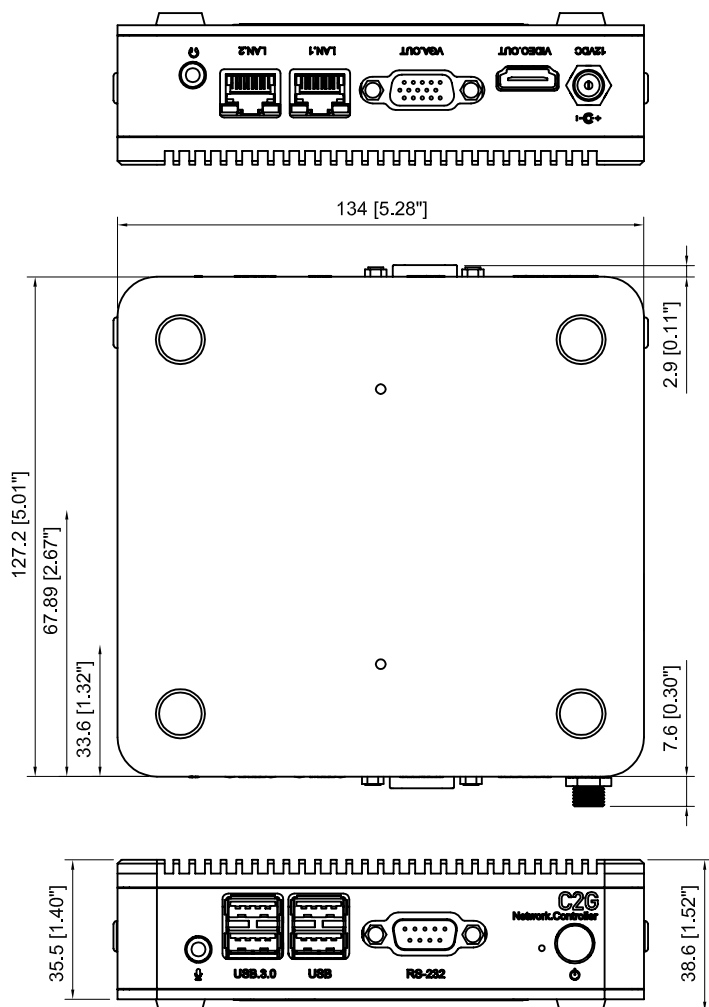
- One (1) Audio In (3.5mm)
- Three (3) USB 2.0 Ports
- One (1) SS USB 3.0 Port
- One (1) RS232/DB9 Port

Back panel:

- One (1) VGA Video Out Port
- One (1) HDMI Video Out Port
- Two (2) LAN Ports (RJ-45) - "LAN 1" Port for AV Over IP Subnet
- One (1) Audio Out (3.5mm)

Power Connector:

- Dimensions: 5.24 x 5.00 x 1.38 inch (133 x 127 x 35 mm)
- Weight: 1.5lbs (0.7kg)
- Compliance: FCC, CE, RoHS, WEEE



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