

Docking Interface

- > "Made for iPod®" AV and control interface
- > Connects to the iPod via multi-pin cable or stylish docking station
- > Enables full 2-way touch screen control of the iPod
- > Displays metadata and album cover art^[5]
- > Plays audio throughout the home or office^[2]
- > Allows viewing of video files on a video touch screen or display^[2]
- > Syncs to iTunes® over Ethernet
- > Charges the iPod battery
- > PoE network powered
- > Includes Crestron Home® CAT5 Balanced AV connectivity
- > Affords plug-and-play integration with Adagio® systems
- > Docking station available in white or black
- > Compatible with iPod classic® (6th gen or later), iPod nano®, and iPod touch®^[3]

The CEN-IDOCV provides an extraordinary interface and control solution for your personal media player^[1]. The compact and stylish docking station can be placed anywhere on a counter, shelf, or other convenient location, while the interface module gets mounted neatly out of site nearby. This solution affords a very clean, clutter-free appearance with just one small wire visible.

The interface module provides audio, video, USB, and high-speed Ethernet connectivity for full integration with a Crestron® whole-house AV system^[2]. Crestron uses the latest Apple® authentication chip in the CEN-IDOCV, enabling high speed music library browsing and compatibility with the latest Apple products and features. The chip supports 6th generation (and later) iPod® classic®, and any iPod nano® or iPod touch®.^[3]

Easy Docking

Simply placing the iPod into the docking station (CEN-IDOCV-DS^[4]) instantly connects it for sharing with speakers and video monitors throughout the home or office.

Touch Screen Control

Integrating the iPod with a Crestron system enables full control and navigation using touch screens, APADs, keypads, computers, and handheld remotes. From any touch screen, you can search the entire iPod library by genre, artist, album and track, and even view album cover art^[5].

Sync to iTunes® over Ethernet

Using USB-over-IP technology and , the CEN-IDOCV allows the iPod to connect with any networked computer running Apple iTunes software right from the docking station. Syncing the iPod to iTunes works the same as if it were hooked up with a USB cable, affording full capabilities for organizing and transferring music and video files, podcasts, audio books, and playlists anytime you want.



Audio and Video Distribution

The CEN-IDOCV module allows stereo audio, composite video, and component video signals to be fed from the iPod to your home theater or multiroom distribution system.^[2]

Crestron Home® CAT5 Balanced AV

Crestron Home (CH) CAT5 Balanced technology allows the CEN-IDOCV to be located up to 500 feet from the central equipment, interfacing directly with other CH-compatible devices like the Crestron [CNX-BIPAD8](#), [CNX-PVID8](#), and Sonnex™ [SWAMP-24X8](#) using ordinary CAT5 type wire. Connecting the CEN-IDOCV to conventional AV equipment, or to a Crestron [PROCISE®](#), [DigitalMedia™](#), or [Adagio®](#) system, is facilitated using the [ABAR-1](#) Balanced Audio Receiver^[6] and [ABVR-1](#) Balanced Video Receiver^[6].

Adagio® Plug-and-Play

The CEN-IDOCV affords easy plug-and-play setup as part of a complete Adagio system. Without any programming, Adagio delivers full access and control of the docked iPod from every room.

Power over Ethernet

For operation and charging the iPod battery, the CEN-IDOCV gets its power right through the LAN wiring using 802.3af PoE technology. PoE (Power over Ethernet), eliminates the need for a separate wall-wart power supply or dedicated power wiring. A PoE Injector ([PWE-4803RU](#) optional) simply connects inline with the LAN cable, allowing for installation at any convenient location. For applications with multiple CEN-IDOCVs or other PoE-powered devices, a Crestron PoE switch ([CEN-SW-POE-5](#) or [CEN-SWPOE-24^{\[6\]}](#)) may be used for a streamlined networking solution with built-in PoE.

CEN-IDOCV Docking Interface

SPECIFICATIONS

See also CEN-IDOCV-DS spec sheet for complete information.^[4]

Compatibility

iPod: For a complete list of supported products, refer to Crestron Online Help Answer ID 4837, or contact Crestron True Blue Support at www.crestron.com/true_blue_support.

Computer: Crestron Sync software is compatible with Mac® OS X v10.4-10.6, Windows® XP, Windows Vista®, and Windows 7 32-bit

Audio

Signal Types: Analog stereo output via Crestron 'CH' CAT5 Balanced Audio port^[2]

Video

Signal Types: Composite and Component (YPbPr) outputs via Crestron 'CH' CAT5 Balanced Video port^[2]

Communications

Ethernet: 10/100Mbps, auto-switching, auto-negotiating, auto-discovery, full duplex, DHCP, IEEE 802.3af compliant

USB: USB 2.0 for computer console

Connectors – Front Panel

LAN PoE: (1) 8-wire RJ45, 10Base-T/100Base-TX Ethernet port; 802.3af Power over Ethernet compliant

CH AUDIO OUT: (1) 8-wire RJ45 female, shielded; CAT5 balanced stereo audio output port; Connects to any "CH" CAT5 audio input port or bidirectional audio port; Maximum Cable Length: 500 ft

CH VIDEO OUT: (1) 8-pin RJ45 female, shielded; CAT5 balanced video output port; Formats: Composite, component (YPbPr); Connects to any "CH" CAT5 video input port; Maximum Cable Length: 500 ft

Connectors – Rear Panel

COMPUTER: (1) USB Type B female; USB 2.0 device port (cable included); For setup only

DEVICE: (1) 30-pin female iPod connector; Connects directly to the iPod, or to CEN-IDOCV-DS docking station^[4], via 6.5 ft (2 m) 30-pin M to 30-pin F cable (included); Provides 2-way communications, audio, video, and power link to iPod

Controls & Indicators

PWR: (1) Green LED, indicates power supplied from PoE

SYNC: (1) Yellow LED, indicates when iPod is synced to iTunes

DEVICE: (1) Green LED, indicates an iPod is connected

SETUP (rear): (1) Recessed miniature pushbutton and red LED for setting IP ID

LAN PoE: (2) LEDs, green indicates Ethernet link status, yellow indicates Ethernet activity

Power Requirements

Power over Ethernet: IEEE 802.3af Class 0 PoE Powered Device

Environmental

Temperature: 41° to 113°F (5° to 45 °C)

Humidity: 10% to 90% RH (non-condensing)

Heat Dissipation: 14 BTU/Hr

Enclosure

Aluminum w/polycarbonate label overlay, freestanding or surface mount with (4) integral mounting flanges

Dimensions

Height: 1.43 in (37 mm)

Width: 4.56 in (116 mm)

Depth: 5.80 in (147 mm)

Weight

16 oz (440 g)

CEN-IDOCV Docking Interface

MODELS & ACCESSORIES

Available Models

CEN-IDOCV-B-S: Interface for Apple® iPod®, Black Smooth

CEN-IDOCV-W: Interface for Apple® iPod®, White

CEN-IDOCV-PWE-B-S: Interface for Apple® iPod® w/PoE Injector, Black Smooth

CEN-IDOCV-PWE-W: Interface for Apple® iPod® w/PoE Injector, White

Included Accessories

CEN-IDOCV-DS-B-S: Docking Station for CEN-IDOCV, Black Smooth (Qty. 1 included with CEN-IDOCV-B-S & CEN-IDOCV-PWE-B-S)

CEN-IDOCV-DS-W: Docking Station for CEN-IDOCV, White (Qty. 1 included with CEN-IDOCV-PWE-W & CEN-IDOCV-W)

CRESTRON-SYNC: Crestron Sync Software for Apple® iTunes®

PWE-4803RU: PoE Injector (Qty. 1 included with CEN-IDOCV-PWE-B-S & CEN-IDOCV-PWE-W)

Available Accessories

ABAR-1: Crestron Home® CAT5 Balanced Audio Receiver

ABARI-1: Crestron Home® CAT5 Balanced Audio Receiver - International Version, 230V

ABVR-1: Crestron Home® CAT5 Balanced Video Receiver

CNX-PBAR4: 4 Room Crestron Home® CAT5 Balanced Audio Receiver

CNX-PBVR4: 4 Room Crestron Home® CAT5 Balanced Video Receiver

PWE-4803RU: PoE Injector

CEN-SW-POE-5: 5-Port PoE Switch

CEN-SWPOE-24: 24-Port Managed PoE Switch

Notes:

1. iPod device not included.
2. Audio/video signal output requires one or more Crestron Home (CH) CAT5 Balanced AV compatible devices.
3. For a complete list of supported products, refer to Crestron Online Help Answer ID 4837, or contact Crestron True Blue Support at www.crestron.com/true_blue_support.
4. Item included. See separate product specifications for additional details.
5. Display of album cover art is only supported using iPod touch.
6. Item(s) sold separately.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

Specifications subject to change without notice. Crestron is not responsible for errors in typography or photography.

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CEN-IDOCV Docking Interface

