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Media Gateway, W3 – Technical Product Brief

The TruLink® Media Gateway by Cables To Go® is a powerful all-in-one audio/video signal processor auto-switch that enables users to easily connect a wide range of CE devices to an HDTV without reaching behind the display. This active connectivity panel provides hassle-free connectivity for laptops, iPod® / iPad® / iPhone® devices, digital/video cameras, Blu-ray™ or DVD players and game consoles to HDTVs or projectors. The automatic switching functionality provides ease of use, while the USB port adds a convenient way to charge portable electronics. Its versatility makes it a real problem solver for multiple applications in the hospitality, education and healthcare markets.

The TruLink Media Gateway is able to automatically upscale 480i (NTSC) and 576i (PAL) analog signals up to 1920 x 1080p, and display native HDMI® or DVI digital video signals up to 1920 x 1080p. It supports SXGA resolution up to 1280 x 1024 through the VGA input. It is also designed for seamless maintenance and support with ultimate flexibility. For example, firmware updates can be deployed manually via the USB port or managed automatically through the rear Ethernet port via FTP, potentially saving hundreds of hours in labor¹.

- Single HDMI output cable for all audio and video inputs
- Works with all HDTVs from 480i (NTSC)/576i (PAL) to 1080p 60 or /50
- Supports static or dynamic (via DHCP) IP addresses
- Provides real time usage information and unit status (with static address)
- CEC support per HDMI specifications to automatically turn on HDTV and switch to the HDMI input²
- Switches automatically from video input to video input
- Built-in RS232 serial support enables communication with HDTVs that do not support CEC, set-top boxes and projectors
- Charges and plays audio and video files directly from iPod / iPad / iPhone devices; Made for iPod / iPhone certified
- PAL/NTSC and NTSC/PAL automatic switching for foreign iPod / iPad / iPhone
- Charge cellular phones and MP3 players via the USB port (500mW)
- Installs securely via desk clamp, insert lock or in-wall hooks

¹ Firmware update speed depends on the load of the property network. Updates will only occur when downloaded onto the FTP server and the Media Gateway is not in use. Therefore, each unit could update at varying times.

² CEC (Consumer Electronic Control) is a part of the HDMI standard and is a mandatory HTNG specification.

TruLink Media Gateway – W3 Specifications

Outer Unit Dimension	W 315mm x H 75mm x D 75mm (12.4" x 2.95" x 2.95")
Color	Black or Pearl Face Plate
Power Supply	Internal 5V.5 Amps AC/DC
Type of Installation	Furniture or Wall Mount

Guest Device Inputs:

AC Outlets	(2) US (1) Universal 6 Amps total combined current
Network In	(1) LAN jack (8-pin RJ45 for Cat5e or CAT6 cords)
USB In (charge)	(1) USB connector type A female (500mW charging load capabilities)
HDMI In	(1) HDMI receptacle (19-pin)
PC Video In	(1) VGA receptacle (15-pin PC/RGB)
Video In (CVBS)	(1) Composite RCA video jack
iPod / iPad / iPhone A/V In	(1) 18-pin to iPod dock (30-pin)
Audio In	(1) 3.5mm stereo audio jack
Audio In Left and Right	(1) Left and Right RCA audio jack

Installer Connections:

HDMI Out	HDMI receptacle to HDTV
Network In/Out	LAN jack (8-pin RJ45) to hotel network
RS232C In/Out	RJ25 to HDTV or set-top box

Regulatory:

Safety	ETL, CE
EMC	FCC, CE

Compliance:

Audio/Video output	HDMI v1.3x
Control	CEC and RS232C
Standby Mode	Yes

Service / Limited Warranty:

Warranty (Parts/Labor)	1 year
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Supplied Accessories:

Cable Retainer	(1) zip tie
HDMI Cable	(1) 3m (10ft) HDMI Cable
Cat5 Cable	(1) 3m (10ft) Cat5e Cable
iPod Cable	(1) 1.2m (4ft) iPod dock to Media Gateway 18-pin connector
Power Cord	(1) 2m (6.5ft) IEC (C13)

Optional Accessories*:

Guest Connectivity Kits	RJ45 Cap
Panasonic® Cable	LG® Cable

*Contact your account rep for details

TruLink Media Gateway – W3 Recommended Installation Cut-Out

