

# HUBBELL iSTATION HDBaseT 2.0 In-Wall HDMI Extender

- Extend HDMI, USB, RS232, and IR up to 328ft over UTP
- 110 Termination Reduces Installation Time
- High Definition Digital 4K @ 60Hz Video and Audio with Control
- Utilize Same Cable for Current and Future Applications

## FEATURES

- Locating a display device up to 328 feet (100m) away is as simple as pulling one UTP cable to a drop
- Terminate with one Category 6A, 6 or 5e UTP or shielded, plenum or non-plenum cable
- Supplied as a kit with both Source and Display modules

## SPECIFICATIONS

- Connectors: HDMI 19-pin, Type A, female connector, gold plated 2μ"
- IDC Contact: phosphor bronze with tin plating over nickel under plating
- Material: steel housing and mounting strap with thermoplastic face

## PERFORMANCE

- Applications:
  - Video maximum support: 3840 x 2160p @ 24/25/30Hz 4:4:4 24bit (100m/328ft)  
4096 x 2160p @ 60Hz 4:2:0 24bit (100m/328ft)  
HDCP 2.2  
CEC control
  - Audio signal: 2ch PCM; up to 7.1 DTS-X and DOLBY ATMOS®  
Analog audio pass through 3.5mm jacks
  - USB Type A, 2.0 High Speed (480mbps), selectable Host or Device
  - RS232 : 3.5mm jack, bidirectional 115.2kbps maximum
- Electrical:
  - Distance limitations: Hubbell approved cable (see supported distance table)
  - Up to 328' (100m) with Cat 6A/6/5e
  - Power: Front or rear 5V DC input on each device
  - DC power wire length: up to 50ft with 16 AWG
- Mechanical:
  - Minimum box depth: 3" for flush mounting, 2.5" for non-flush instantiations
  - HDMI: 250 insertions



Hubbell's High-Definition 110 Video Extender with HDBaseT transmits up to Ultra HD 4K signals over one solid, unshielded, twisted-pair (UTP) cable, allowing video display devices to be located a maximum of 328 feet away from a digital source. Additionally it supports repeating of RS232, IR, and USB control signals. Ideal for interactive white boards, projectors, HDTVs, flat screens, monitors and other video display devices. The Hubbell HDBaseT Extender feature multiple LEDs to indicate that power and signal are working properly.

## GENERAL INFO

- Important: Always allow for clearance in front of the connection location to ensure for proper HDMI cable bend radius
- Supplied with IDC termination caps
- Category 6A or higher cables recommended; application is supported for lower category cables as follows below

### 4K, 60Hz Support by Cable Category and Number of Cables in a Bundle

	30M	50M	70M	100M
<b>Cat 5e</b>	5	3	1	1*
<b>Cat 6</b>	No limit	4	2	1
<b>Cat 6A/7</b>	No limit	No limit	No limit	No limit

\*Up to 1080p, 60Hz, 36bpp

## STANDARDS

- Listed UL 1863
- HDMI, HDCP2.2 | CEC
- USB 2.0 High Speed (480mbps)
- RoHS compliant

## APPLICATIONS

- Projectors
- Flat panel monitors
- Interactive white boards
- Digital signage
- Multimedia devices
- Desktop and laptop computers



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**ORDERING INFORMATION**

**HDBaseT Frames and Modules**

Description	Installation	Kit	Transmitter	Receiver
110 HDBaseT HDMI, USB, RS232, 5V DC, IR extender, Black	Single 4-pair UTP Cable	<b>ISFHD4BK</b>	<b>ISFHDT4BK</b>	<b>ISFHDR4BK</b>



**COMPLEMENTARY PRODUCTS AND ACCESSORIES**

**Power Supply Outlet**

Description	Input Voltage	Output Voltage	Color	Catalog No.
USB Charger Tamper-Resistant Receptacle, (1) USB Port 3A, 5V DC output, 15A, 125V AC Decorator Duplex	125V AC	5V DC	Black	<b>AVPS15BK</b>
			Ivory	<b>AVPS15I</b>
			Gray	<b>AVPS15GY</b>
			Light Almond	<b>AVPS15LA</b>
			White	<b>AVPS15W</b>



**External 5V DC Power Supply**

Catalog No.	<b>HDMIDC5V</b>
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**In-Wall AV Switching Transmitters**

Description	Catalog No.
(1) VGA, (1) HDMI	<b>ISFHDT421BK</b>
(3) HDMI	<b>ISFHDT431BK</b>



**Infrared Emitter and Receiver Kit**

Catalog No.	<b>AVIR</b>
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**Patch Cords, HDMI, 24AWG**

Color	3 Foot	6 Foot
Black	<b>HDPC03BK</b>	<b>HDPC06BK</b>



**Two and Three Gangable AV Wallboxes**

Box	Catalog No.
2-gang, 2" KO, 54in <sup>3</sup> capacity	<b>HBL985</b>
3-gang, 2" KO, 79in <sup>3</sup> capacity	<b>HBL986</b>

\*TKO (Tangential Knockout)



**Low Voltage AV Wallbox Partitions**

Description	Catalog No.
Solid divider	<b>HBL989</b>
With pass-thru capability	<b>HBL989AVD</b>



**Decorator Wallplates**

Description	Catalog No.
1-gang labelless	<b>NP26xx</b>
2-gang labelless	<b>NP262xx</b>
1-gang labelled	<b>IFP126xx</b>
2-gang labelled	<b>IMFP2xx</b>



xx = Color: **AL** (Almond), **BK** (Black), **GY** (Gray), **I** (Ivory), **OW** (Office White), and **W** (White)

**DIMENSIONS**

