HDMI HDBase-T Splitter/Extender via CAT5e/6
XTENDEX®

Distribute HD 1080p, Multi-channel Audio, Ethernet, and IR to eight displays up to 328 feet (100 Meters) using CAT6 cable

- Transmits an uncompressed high speed HDMI signal over one CAT5e/6 cable to multiple display locations.
  - Choose between models that extend to 230 feet (70 meters) or 328 feet (100 meters).
- Features two Ethernet ports on the transmitter and receiver for connecting standard network devices such as 100Base-T routers and hubs.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1080 and 1920x1200.
- HDMI features supported:
  - 36-bit Deep Color
  - x.v.Color
  - Dolby TrueHD, DTS-HD Master Audio, Dolby Digital, DTS 7.1 and LPCM.
  - 3D
  - Bandwidth up to 225 MHz (6.75 Gbps)
  - Support for CEC (consumer electronic control) compatible devices.
  - Lip Sync
- HDCP compliant.
- Supports the DDC2B protocol.
- Full Infrared Remote (IR) control of HDMI source from remote display.
- Cascade multiple units for more numerous display configurations.
- Ideal for digital signage, tradeshows, or classrooms where high quality video on multiple monitors is needed.

VOPEX-C6HD-4HDBT-328 (Front & Back)

The VOPEX® HDMI HDBase-T Splitter/Extender simultaneously distributes uncompressed HD 1080p, multi-channel audio, Ethernet, and IR from one video source to up to eight displays and speakers, each located up to 328 feet (100 meters) away via CAT5e/6 cable using HDBase-T technology.

The VOPEX system consists of two components: the HDMI HDBase-T broadcast unit, which connects to the HDMI source, and a remote unit for each remote HDMI display and speakers.

Specifications

Local Unit
- Compatible with a computer or HDTV video source with HDMI output.
- One female HDMI connector.
- One female 3.5mm port for IR transmitter (included).
- Two female RJ45 100BaseT Ethernet ports for connecting standard network devices such as 100Base-T routers and hubs
- Female RJ45 ports for sending/receiving high definition video, audio, IR, DDC and Ethernet signals.

Remote Unit
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
- One female HDMI connector.
- Two female 3.5mm ports for IR transmitter/receiver.
  - Only the receiver port is used with the splitter (IR receivers included).
- Two female RJ45 100BaseT Ethernet ports for connecting standard network devices such as 100Base-T routers and hubs
- One female RJ45 port for sending/receiving high definition video, audio, IR, DDC and Ethernet signals.

Power
- Local and remote units: 100 to 240 VAC at 50 or 60 Hz via AC adapter.

Dimensions
- Local unit WxDxH:
  - 4-Port: 13.82x6.10x1.10 in. (351x155x28 mm)
  - 8-Port: 17.32x7.87x1.75 in. (440x200x45 mm)
- Remote unit WxDxH: 4.31x2.94x0.90 in. (110x75x23 mm)

Environmental
- Operating temperature: 5 to 131°F (-15 to 55°C).
- Operating relative humidity: 5 to 90% non-condensing RH.

Regulatory Approvals
- CE, FCC, RoHS

Warranty
- Two years

Cables
- Use HD-xx-MM cable to connect an HDMI source or display.
  - Maximum HDMI cable length: 65 feet (19.8 meters)
- Use CAT6 solid straight through cable for TIA/EIA-568B wiring terminated with standard RJ45 connectors.
- Cables not included.

Package Includes
- HDMI HDBase-T Splitter/Extender
- HDBase-T remote units – four with 4-port, eight with 8-port
- IR transmitter - one with 4- or 8-port
- IR receivers - four with 4-port, eight with 8-port
- One 9V power supply with 4-port; one 12V power supply with 8-port
- 5V power supplies – four with 4-port, eight with 8-port
- User manual

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NTI Part #	# of Ports	Maximum Extension
VOPEX-C6HD-4HDBT-230	4	230 ft. (70 m)
VOPEX-C6HD-4HDBT-328	4	328 ft. (100 m)
VOPEX-C6HD-8HDBT-230	8	230 ft. (70 m)
VOPEX-C6HD-8HDBT-328	8	328 ft. (100 m)