

# NTI st-c64k9gb-r-hdbt 4K HDMI/HDBaseT Extender (Receiver) with IR/RS-232/PoE over CAT5e/6 up to 100m/328ft

## Video Output

- Supports Ultra-HD 4Kx2K resolutions to 4096x2160, HDTV resolutions to 1080p, and computer resolutions to 1920x1200
- One female HDMI output connector.
- One female RJ45 HDBase-T connector for sending/receiving high definition video, audio, IR, Ethernet and DDC signals.
- Two female 3.5mm ports for connecting an IR transmitter or receiver.
- One female Ethernet port for connecting a network device such as a 100Base-T router, hub, smart TV, or smart Blu-Ray player.

## Dimensions

- WxDxH (in): 4.02x4.53x0.98 (102x115x25 mm)

## Power

- Powered by matrix switch via Power over Ethernet (PoE).
- Power consumption: 7W.

## Environmental

- Operating temperature: 32 to 104°F (0 to 40°C)
- Storage temperature: -4 to 140°F (-20 to 60°C)
- Operating/storage relative humidity: 20 to 90% non-condensing RH.

## Regulatory Approvals

- CE, FCC, RoHS.
- TAA compliant.

## Cables

- Use HD-xx-MM cable to connect an HDMI source or display.
  - Inputs
    - 8-bit resolution: up to 49 ft (15 m).
    - 12-bit resolution: up to 33 ft (10 m).
  - Output: 20 ft (6.1 m).
- Use CAT5e/6/7 solid straight through cables for TIA/EIA 568B wiring terminated with standard RJ45 connectors.
  - CAT5e (24 AWG), up to 250 feet.
  - CAT6 (23 AWG), up to 350 feet.
  - CAT7 (23 AWG), up to 375 feet.
- Cables not included.

## Compatible NTI Products

- Combine NTI's video converters, extenders, and scalers for complex applications.
  - Ultra Low-Cost VGA + Audio to HDMI Converter Cable (VGAA-HD-ULC)
    - Supports HDTV resolutions to 1080p only.
    - Requires USB power to operate.
  - VGA/Component Video to HDMI Converter (VGACMP-HD)
    - Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200 only.
  - VGA/Component Video/HDMI Scaler/Converter (PCHD-HDMI-SCALER)
    - Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200 only.
  - Multiple HDMI Extender Over HDBase-T with Power over Ethernet (ST-C64K-HDBT-L8-R)