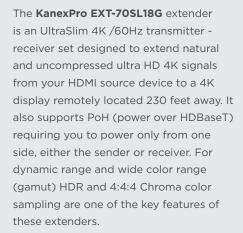# KanexPro®

3 YEAR WARRANTY

4K ULTRA HD

UltraSlim 4K/60 HDMI® 2.0 Extender over HDBaseT™ up to 230ft & PoH

Extend pristine 4K/60 with HDR, 4:4:4 & bi-directional IR, RS-232 & power

MPN: EXT-70SL18G

The **KanexPro EXT-70SL18G** extender is an UltraSlim 4K /60Hz transmitter - receiver set designed to extend natural and uncompressed ultra HD 4K signals from your HDMI source device to a 4K display remotely located 230 feet away. It also supports PoH (power over HDBaseT) requiring you to power only from one side, either the sender or receiver. For dynamic range and wide color range (gamut) HDR and 4:4:4 Chroma color sampling are one of the key features of these extenders.

Applications:
Ideal for use in digital signage applications, healthcare AV, control rooms, educational facilities, airports, commanding centers and smart homes.

FEATURES

- Ultra Slim 230ft. (70m) HDMI extender over HDBaseT w/ PoH
- Extend up to 70m for 4K/60 video w/ 4:4:4 Chroma
- HDR (high dynamic range) & wider color gamut support
- Supports Ultra HD 4K@60Hz resolutions &
- Video resolutions from 1080p/60@48bit
- 18 Gbps bandwidth
- Bi-directional PoH (power over HDBaseT)
- HDCP 2.2 and EDID compliant
- CEC Pass-thru
- IR input/output - embedded over CATx extension
- Dolby TrueHD & DTS Master Audio ready
- Supports uncompressed audio - LPCM
- Bi-directional RS-232 & IR control
- Ultra Slim enclosure w/ separate mounting ears
- One locking power supply included
- Backed by KanexPro 3-year parts and labor warranty

Note: use a CAT5e/6 cable with low impedance STP(Shielded twisted pair) is recommended with proper grounding for excellent transmission of AV signals.

SPECIFICATIONS

EXT-70SL18G Tx & Rx:

Input:
- Input Signal: 1xHDMI, 1xIR,1xRS-232 (on each unit)
- Input Connector: 1 x HDMI, 1 x 3.5 mm mini-jack, 1 x RJ-45 (each unit)
- Video Signal: HDMI 2.0a
- Audio: Digital audio transmitted through HDMI audio

Output:
- Output Signal: 1 RJ-45,1 IR 1 HDMI, 1 IR
- Output Connector: RJ-45,3.5mm mini-jack HDMI female,3.5mm mini-jack
- Video signal: HDMI 2.0 & HDCP 2.2 Compliance
- Transmission Mode: HDBaseT® Technology
- Transmission Distance: 230ft. (1080p), 131ft. (4K/60)

SPECIFICATIONS

General:

- Resolution Range: From 800x600 ~ 1920x1200, 4K/24,30,60Hz

- Gain: 0dB ~ 10dB@100MHz

- Differential Phase Error: 310° @ 135MHz_100M

- SNR: >70dB@ 100MHz-100M

- Bandwidth: 18 Gbps

- Return Loss: <-30dB@5KHz

- THD: <0.005%@1KHz

- Min. ~Max. Level <0.3V ~ 1.45Vp-p

- Impedance: 75ff

- Temperature: -20 ~ +60 C

- Humidity: 10% ~ 90%

- Power Supply: 100VAC ~ 240VAC, 50/60Hz

- Power Consumption: 6.5W

- Unit Dimension: W: 4.5" x H 0.47" x D 3.3"

- Net Weight: 1.05 lbs. (480g) for the set (Tx & Rx)