KanexPro®

9-Input Scaler & Switcher with 4K HDBaseT Input/Output

Auto Switch & Scale 9-inputs to two 4K displays w/ Built-in Mic audio & Control

MPN: SW-HDSC914K

3 YEAR WARRANTY

4K ULTRA HD

The **KanexPro SW-HDSC914K** is a 9-Input switcher and presentation scaler with true 4K input and output resolutions up to 3840x2160p. The nine inputs include 5-HDMI, 2-VGA, 1-DisplayPort and 1-HDBaseT powered over HDBaseT. Two simultaneous mirrored outputs over HDBaseT and HDMI can be up-scaled or down-scaled to get desired video resolutions with audio and mic function.

The switcher offers one HDBaseT input which extends up to 70m and one HDBaseT output extending 1080p/60 up to 100m or 4Kx2K up to 70m. Fully compliant with HDCP 2.2, this switcher can be used as a multi-format video scaling engine to support easy to use switching and scaling from devices like laptops, tablets and DisplayPort based computers as well as VGA (analog) formats. it also includes one HDBaseT receiver for connecting to the display. Can be controlled with built-in web GUI or any 3rd party control system.

Applications

Ideal for classrooms, conference rooms, huddle rooms and other collaborative spaces where digital and analog sources need to be scaled, switched and extended over HDBaseT in a fast and reliable manner.

FEATURES

- Auto switch & scale 9-inputs to two 4K displays
- DP, HDMI and VGA video inputs can be embedded with external audio
- Output resolutions selectable to: 1280x720(default), 1920x1080, 1024x768, 3840x2160@30Hz & 3840x2160@60Hz
- Supports PoH (Power over HDBaseT) no external power supply necessary to power sender or receiver
- HDBaseT Input resolutions: 1080p (70m), 4Kx2K(40m)
- HDBaseT Output resolutions: 1080p(100m), 4Kx2K (70m)
- Compliant with HDMI 2.0 & HDCP 2.2
- Built in 40 Watt amplifier for speaker systems
- Built-in volume control
- Support Line level or Mic audio inputs
- MIC port supports balance/unbalance signal & suppresses the external noise effectively
- Front Panel Buttons, IR, RS-232 and Ethernet for control
- Bi-directional IR & RS232 pass-through
- Built-in easy to use Web Interface for control and switching

SPECIFICATIONS

Video:

Input: (1) HDBaseT, (1) DisplayPort, (5) HDMI, (2) VGA

Input Connector: (1) RJ45, (1) Female DisplayPort, (5) Type A HDMI (2) 15-pin Female VGA

Output: (1) HDMI & (1) HDBaseT (PoH)

Output Connector: (1) Type A HDMI; (1) RJ45

Output Resolution: 1280x720 (default), 1920x1080, 1024x768

Standards:

Input video support: HDMI 2.0 & HDCP2.2

Output video support: HDMI 2.0 & HDCP1.4

Audio:

Input: (1) Stereo audio input for 2-DP, (1) Stereo audio input for 3-HDMI, (2) Stereo audio inputs for 8-VGA and 9-VGA, (1) LINE Audio & (1) MIC Audio

Input Connector: (4) 3.5mm Stereo Jacks & (2) 3-pin Phoenix Connectors

Input Impedance : >10kO

Output: 1) Dual-Mono Analog Audio

(1) Power Amplifier with Fixed Voltage

Output Connector: (1) 5-pin Phoenix Connector, (1) 3-pin Phoenix connector

Output Impedance: 70O

Frequency Response: 20Hz~20K Hz

Stereo Channel Separation: >80dB @1KHz

Control Part:

Port: (1) USB firmware port, (1) IR eye, (1) IR All IN, (1) IR ALL OUT, (3) RS232, (1) TCP/IP

Connector: (1) Type-A USB, (3) 3.5mm Mini Jacks, (3) 3-pin Phoenix Connectors, (1) RJ45

General:

Transmission Distance:

HDBaseT Input: 1080p=70m, 4Kx2K=40m

HDBaseT Output: 1080p=100m, 4Kx2K=70m.

Operation Temperature: 0 ~ +40C

Storage Temperature: -10 ~ +55C

Relative Humidity: 10% ~ 90%

External Power Supply: 100V~240V AC

Power Consumption: 45W (Max)
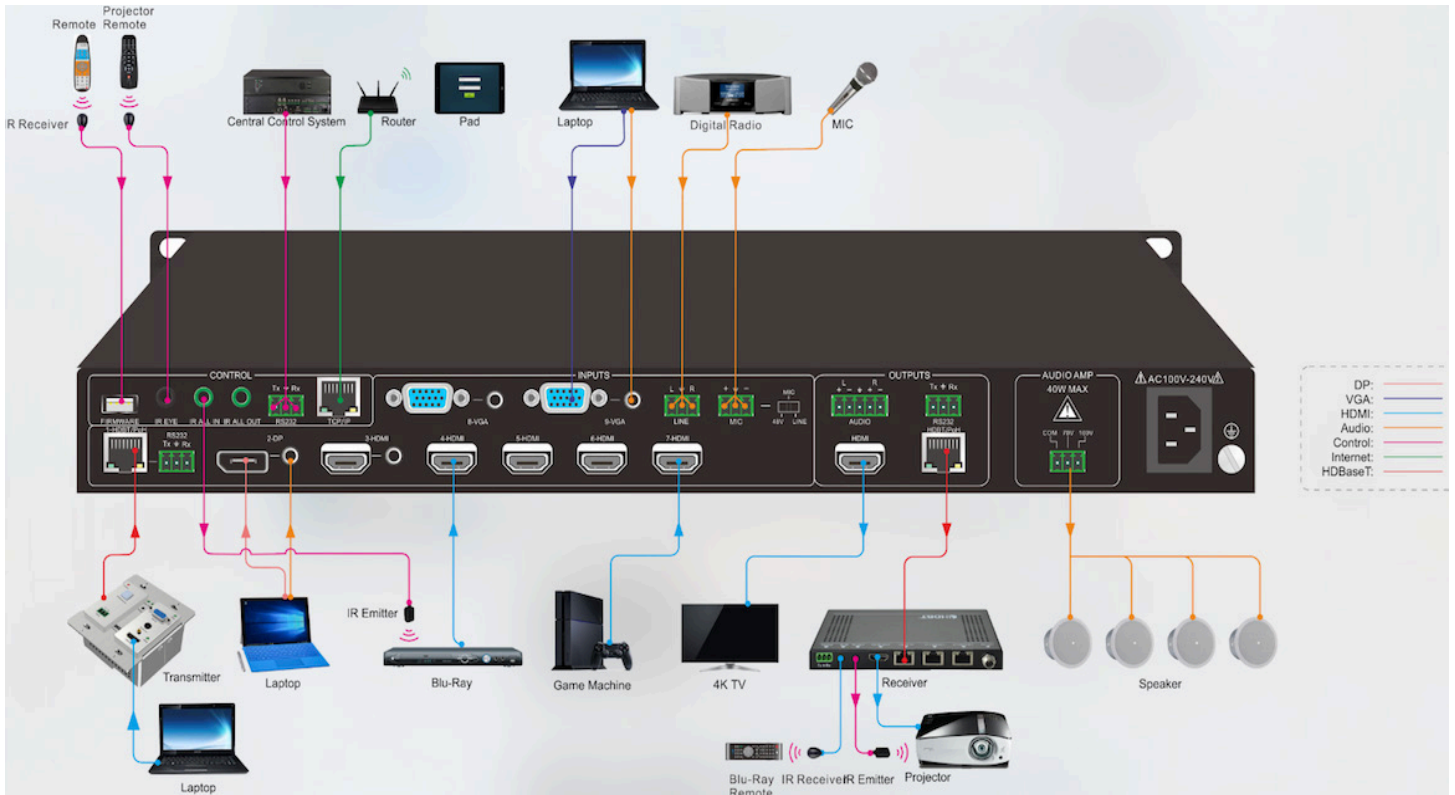
Dimensions (WxHxD): 17.0"W x 1.70"H x 11.0"D

Dimensions for receiver:

- 3.8" x 3.7" x 0.93"(W96.8mm x D94 x H23.7)

Net Weight: 7.0 lbs. (3.17 Kg)

Warranty: 3 Year parts and labor

DIAGRAM

PANEL DRAWING