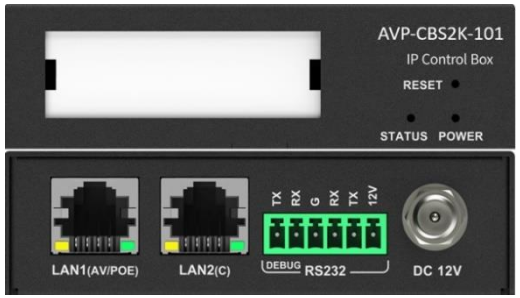
AVP-EN2K-101

AVP-DE2K-101

aegis 1080P over IP includes H.265 IP encoder (AVP-EN2K-101) and decoder (AVP-DE2K-101) can work together to provide complete end-to-end streaming systems. Video, audio, IR, USB and RS232 signals can be routed together or separately throughout the matrix system. They can also function video wall up to the dimensions of 16 x 16 with input and output HDMI resolutions supported up to 1920 x 1080@60Hz

- ✧ Stream HDMI/RS232/IR/USB/ HID signal over IP networks.
- ✧ Encoder supports resolutions up to 1920 x 1080@60Hz.
- ✧ Decoder offers auto scaler with output resolutions supported from 480p@60Hz to 1920 x 1080@60Hz scaling based on the EDID of display.
- ✧ Able to output two IP streams: One large IP stream supports streaming resolution from 480p@60Hz to 1920 x 1080@60Hz to view a video on the decoder side. The other small one supports streaming resolution 360 x 240@15Hz to easily preview a video on a third party device (e.g. tablet).
- ✧ Support video wall up to the dimensions of 16 x 16.
- ✧ Available API interface for third party control system integration, offering control through IP control box (AVP-CBS2-101), PC configurator (HDMIoverIPConsole) and AGS-i Touch on iPad.
- ✧ Support audio de-embedding output.
- ✧ Support RS232 pass-through between encoder and decoder, or between IP control box and encoder/decoder.
- ✧ Support IR pass-through between encoder and decoder, as well as IR pass-through from IP control box to encoder/decoder in global cache IR format.
- ✧ Support USB (keyboard/mouse only) pass-through from decoder to encoder.



AVP-CBS2K-101

AVP-CBS2K-101 is an IP control box that is used as an A/V control device for controlling, configuring and managing encoders and decoders on the local area network. It integrates two Ethernet ports and two RS232 ports, offering integration-friendly control features——LAN (Web GUI & Telnet). It also can be used with a third party controller to provide a simple, flexible control and management options. IP controller can automatically search and display encoders and decoders. It is designed to be compatible with the configuration file from PC configurator (HDMI over IP Console) and use the imported configuration file to perform operations on encoders and decoders such as matrix and video wall.

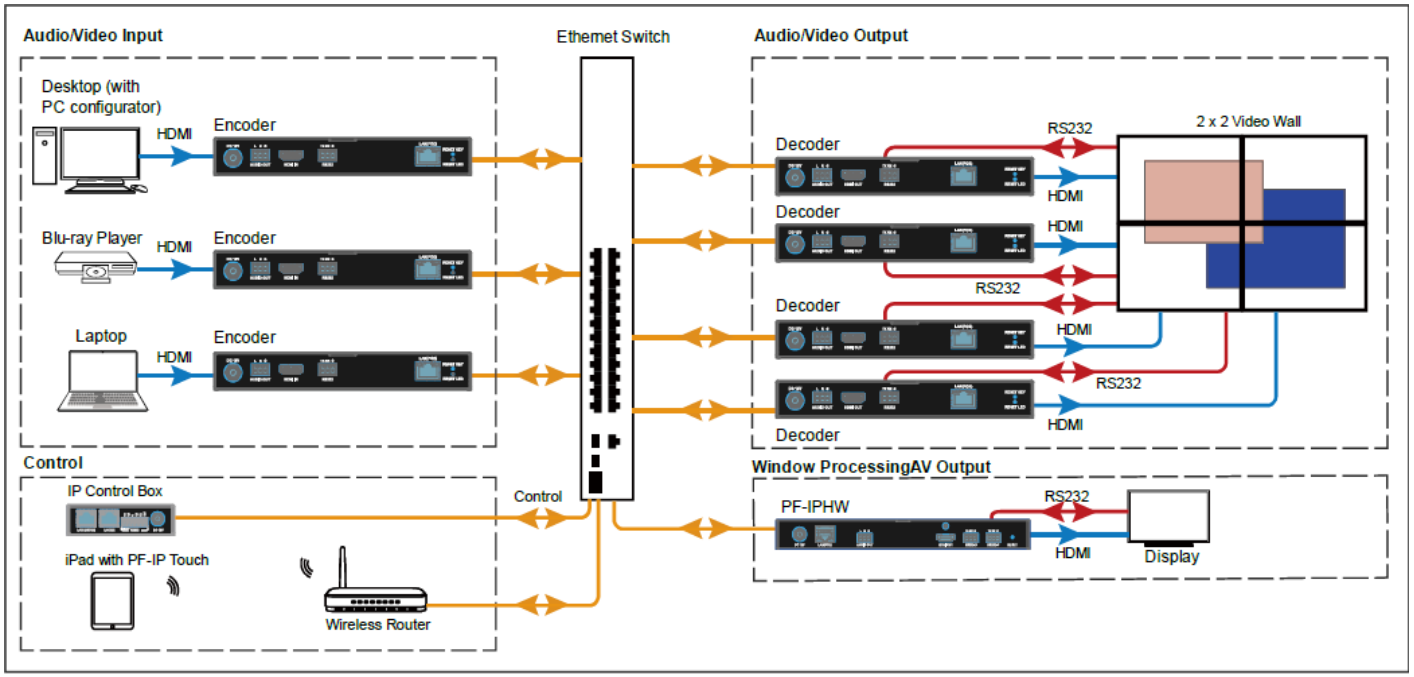
- ✧ IP control via LAN (Web GUI & Telnet) and a third party controller
- ✧ Features two Ethernet ports and two RS232 ports
- ✧ Discover encoders and decoders automatically
- ✧ Supports matrix switching between encoders and decoders
- ✧ Compatible with the configuration file from PC configurator to quickly perform operations on encoders and decoders, such as matrix and video wall
- ✧ Web configuration page

AVP-CBS2VW-100

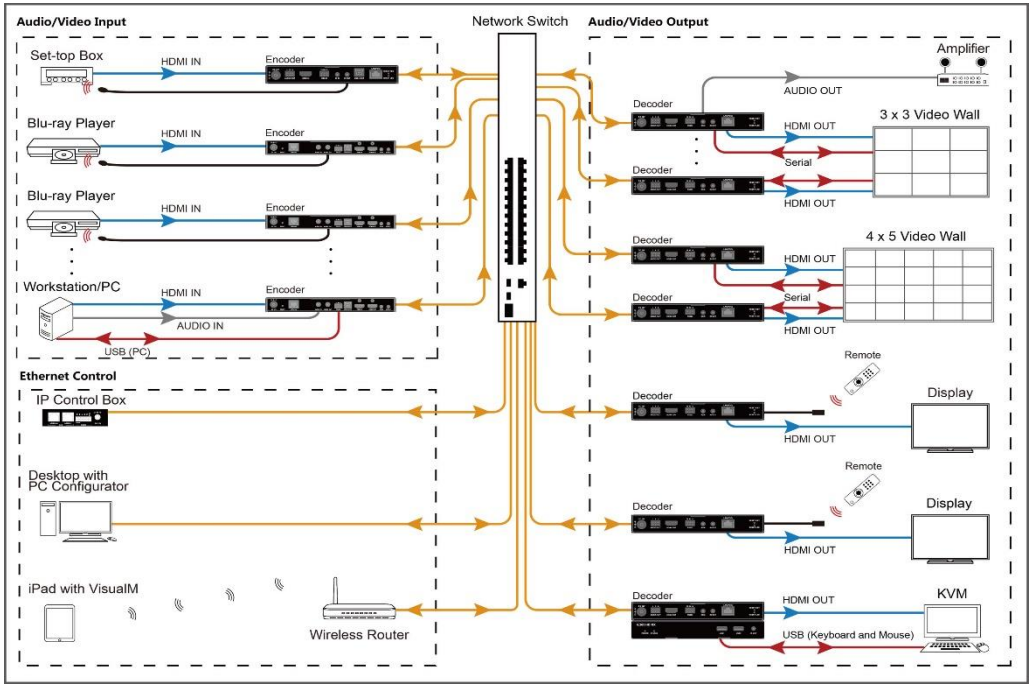
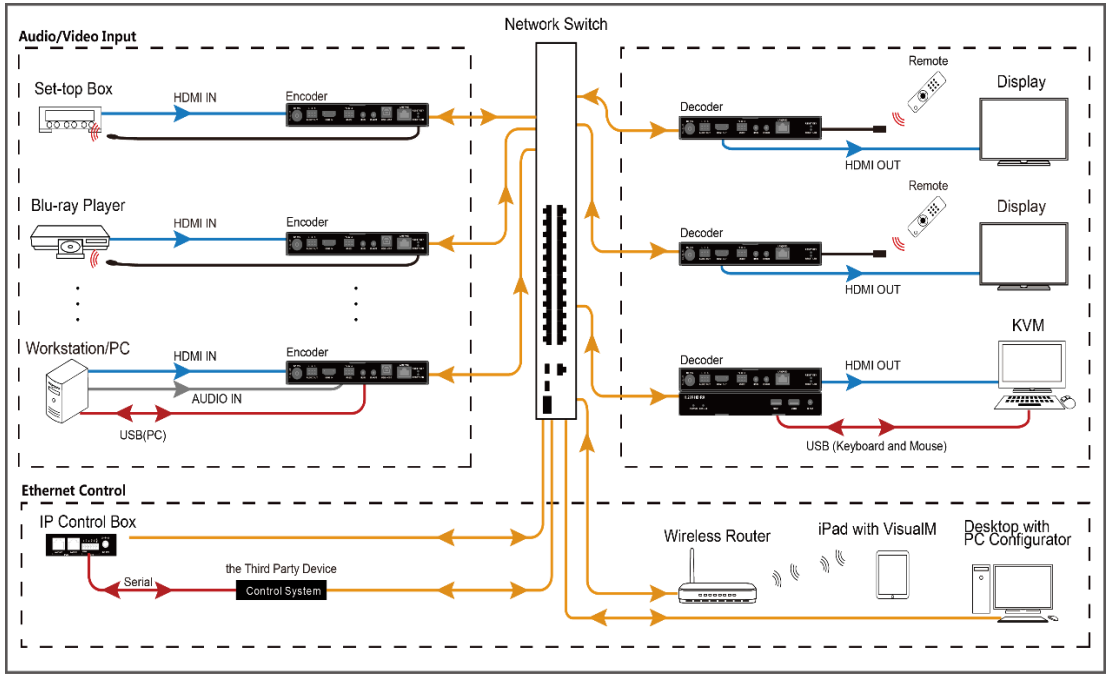
AVP-CBS2VW-100 is a windowing processor, it can decode up to 6 IP streams with 1920x1080P@60Hz resolution supported and mix them in an overlapped way, and finally output to H.264 receivers through Ethernet or to an HDMI display through HDMI port. This device offers solutions for conference rooms, shopping malls, hotels, high resolution signage, monitoring centers, schools and corporate training environments, etc.

- ✧ Decodes up to 6 video streams from multiple encoders and supports window roaming to H.264 decoders and a single display.
- ✧ Supports input streaming resolutions up to 1920x1080P@60Hz.
- ✧ 2-way RS-232 between the display and the controller system.
- ✧ Supports CEC one-touch-play and standby commands to power on/off the display.
- ✧ Supports auto IP/DHCP/Static IP.
- ✧ Supports Telnet/Multicast/HTTP/FTP.
- ✧ Ease to use with aegis IP Touch.
- ✧ Supports one HDMI output.
- ✧ Built-in Auto Scaler.
- ✧ Supports PoE

Hardware Installation



Video Wall



IP Matrix