Aavara AV Over IPTM
Commercial AV • Conference Room AV
Seamless Cross Display KVM • Residential AV
Aavara AV Master Web Control

Built-in in box without additional cost, just one Web page can centralize control entire AV Matrix and VideoWall

- Auto Search All Senders & Receivers
- Video Snapshot on Both Input and Output
- Multi User Management
- Drag and Drop Matrix / VideoWall Control
- Video Snapshot
- Display/Device Control (CEC/IR/RS232)
- Customize EDID Upload
- Setup by CSV files Upload/Download

IR Remote Video Channel Control

A 16 channels IR remote included in PB9000 receiver. User can use Universal IR Remote for controlling Over IP Receiver and Video Source with ONE remote. Ideal for home or small commercial installation.

Keyboard Hotkeys Control

Just plug-in an USB Keyboard at PB9000 Receiver’s USB port. User can use Keyboard Hotkeys to switch Receiver quickly. Ideal for IP KVM application.

*All trademarks, service marks, trade names and logos are the property of their respective owners.
4K Over IP AV MATRIX • VIDEOWALL

PB9000

4K HDMI HDCP 2.2 HDR Video, Multi-Channel Audio, Ultra Low Latency, Hybrid Video Out, VideoWall, USB 2.0 KVM, SFP Fiber Optical

4K 30Hz 4:4:4 Pass-Thru

AV Matrix VideoWall USB IP KVM HDR HDCP 2.2

Way to Control

AV Master Web Control 3rd Party Controller Integration Keyboard HotKeys Control IR Remote Control

- 4K 30Hz 4:4:4 Pass-Thru
- Up To HDMI 2.0 4K 2160p60hz 4:2:0 Video Input
- HDR Video Format Support
- Ultra Low Latency 16-33ms
- Up To 7.2 CH Audio Or More (LPCM/dts/DOLBY/DOLBY ATMOS)
- USB 2.0 Pass-thru
- Asymmetric or Symmetric VideoWall Up to 4K Resolution
- Hybrid Video Output: Different Video Format At Each Receiver
- Video Rotation 0, 90, 180, 270 Degree, Mirroring
- HDMI Audio Extract To Analog Output (2 Channel LPCM Audio)
- Max. Bit Rate Control (10 Mbps ~ 850 Mbps)
- Video Snap Shot (Video Capture)
- HDCP 2.2 Support (For 4k Blu-ray & Video Streaming)
- Customized EDID Upload/EDID Copy Enhance Compatibility
- Both RJ45 & SFP Fiber Optical For Meters Or KMs Point To Point Connection
- PoE 802.3af Support
PB9000-SE+

4K Over IP Sender w/ HDMI Loop out, & S/PDIF TOSLINK Out

With PB9000 all existing features and functions, adding following new features:

- **HDMI Loop out**
  For local Monitor/TV or AV Receiver connection, up to 4K video and Dolby ATMOS/DTS X audio output. Extra HDMI Splitter not needed.

- **Standalone S/PDIF TOSLINK Fiber Optics audio output**
  Support up to Dolby Digital (AC3) and DTS 5.1 output. Optimised for Video source and AV Receiver installed on Rack, or this two placed together.

PB9000HD-SE

1080p Over IP Sender that work with PB9000

Work with PB9000 and Up Scale 1080p Video Source input to 4K output w/ PB9000-RE Receiver Support

- HDMI Input: Up to 1080p 60Hz 4:4:4 HDR Video, 7.1ch LPCM/Dolby/DTS Audio
- DVI Input: Up to 1920x1200@60Hz
- VGA Input: Up to 1920x1080@60Hz
- USB 2.0 Pass-Thru for KVM Application
- Two Ways IR/RS232/CEC pass-Thru and IP commands
- Ultra Low 16~33 ms Latency
4K Over IP Features

Independent Matrix Routing for Each Service
(Video, Audio, RS232, IR and USB)

CEC / IR / RS232 Over IP

CEC / IR / RS232 Pass-Thru

Seamless Cross Display KVM