



Aavara 4K Over IP Matrix/VideoWall/KVM Solution

ISE Booth No. 10-N190



Aavara will be excited to showcase latest 4K Over IP Matrix technology PB9000 at ISE 2019. Powerful videowall feature is able to establish and manage large scale traditional and Asymmetric video wall. PB9000 can transmit multiple 4K HDR Video, Multi-channel Audio, High Speed USB and IR/RS-232 control to multiple TVs/Displays/Projectors over gigabit Ethernet network with inexpensive Cat5e/6 cable, Fiber and network switches. Aavara PB9000 is a great solution for DOOH/Signage/Video Wall commercial and residential AV deploy.

Aavara AV Master Web Control

Built-in Easy to Use Aavara AV Master Web Interface that user can centralize control entire Over IP AV network to do multicasting, and videowall easy and intuition.

- Built-in on every box without extra cost.
- Easy Planning, Config & Backup by CSV files with Spreadsheet application
- Flexible VideoWall (traditional and asymmetric) setup and operation
- Independent Matrix Routing for each service (Video/Audio/IR/RS232/USB)
- Keyboard/Mouse Cross Displays Roaming for KVM application
- CEC/IR/RS232 Control Pass-Thru and IP Commands for controlling TV/Display/Projector/Video Source Devices.
- EDID Management and Customized EDID upload

3rd party Controller Integration Support

3rd party Controller driver likes Control4, Crestron, AMX, RTI and Elang g! Support controlling including multicasting, videowall, rs232 IP commands, directly from 3rd party controller to Aavara boxes for Residential and Commercial projects integration.

PB9000 4K over Gigabit Network

- 4K Over 1 Gigabit Network with Ultra low 16~33ms latency
- Up to HDMI 2.0 4K 2160p60Hz 4:2:0 Video Input
- Up to 7.1 ch Audio or more (LPCM/DTS/Dolby/Dolby ATMOS)
- USB 2.0 pass-thru for IP KVM application
- 4K Traditional and Asymmetric VideoWall
- Hybrid Video output(Each Receiver can choose different video format independently)
- Video Rotation/Mirror/Stretch for commercial installation and video wall
- HDMI Audio Extract to Analog audio output (2 channel LPCM audio only)
- Max. Bit Rate control (10 Mbps ~ 800 Mbps)
- Video Snap shot (Video Capture)
- HDCP 2.2 support (for 4K Blu-Ray & Video Streaming)
- Built-in SFP Fiber Optic connection for KMs point to point connection
- Built-in PoE support

For detailed spec and features, please visit:

<http://www.aavara.com/V2/PB9000.html>

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