



FOR STYLISH LIVING

aavara



- Commercial AV
- Residential AV



Dedicated to
Excellence

Aavara[®] AV Solution Presentation

Why AV-over-IP?

The Future of Signal Routing & Control

Sending AV signals (audio, video, control, power)



- ***Utilize IP network standard***
- ***Industry widely adoption***
- ***Sending AV signals (audio, video, control, power)***



Widely deploy across

- 1. Commercial*
- 2. Educational*
- 3. Residential*
- 4. Entertainment*
- 5. E-gaming*
- 6. Hospitality...*



Aavara® AV over IP Solution

PB9000 Senders Family

- PB9000W-SE
- PB9000-SE+
- PB9000HD-SE
- PB9000-SE



Leading the edge of AV Integration



3rd Party Controller Integration

Faciliate Integration with global System Controllers to Control Aavara® AV over IP for AV Matrix Switching













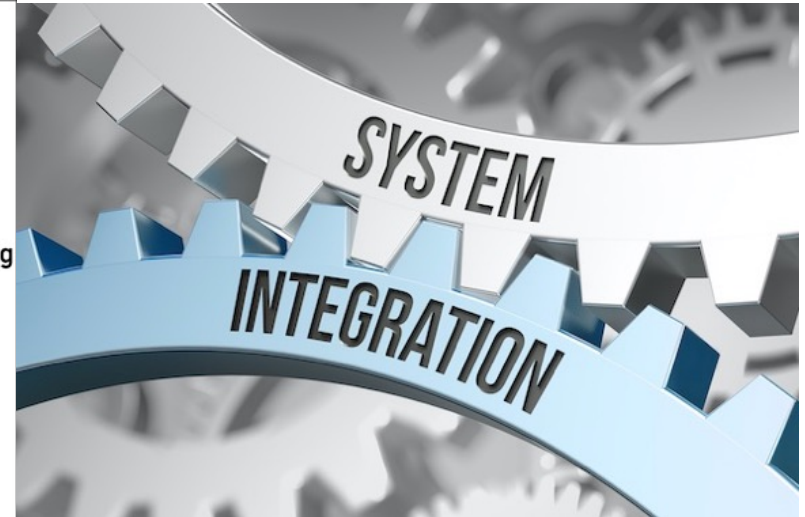










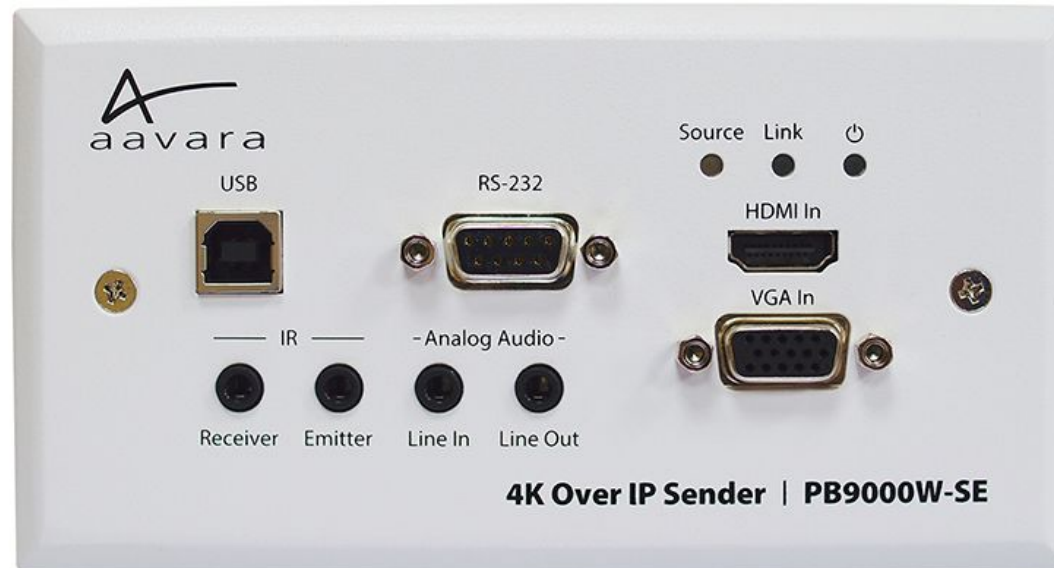



- ✓ **A Proven**
 - ✓ **Field Tested**
 - ✓ **Global cases study**
 - ✓ **Best Interoperated With**
- Leading System Controllers**

9

Most popular Controllers supported

4K resolution Broadcasting, Multicasting & VideoWall solution



Wall Plate Form Factor

- Power from PoE
- Aavara AV Master Web Control interface
- Major Controller Integration:

Extron, AMX, Crestron, RTI, SAVANT, Control4,

Elan g!, Neets and more.

- CEC Pass-Thru & IP Command Control

- USB 2.0 Pass-Thru

- VideoWall Easy Setup

- Asymmetric VideoWall

Support



PB9000 4K Over IP

PB9000W-SE



AV Matrix

VideoWall

USB IP KVM

HDR

HDCP 2.2



Way to Control



AV Master Web Control



3rd Party Controller Integration

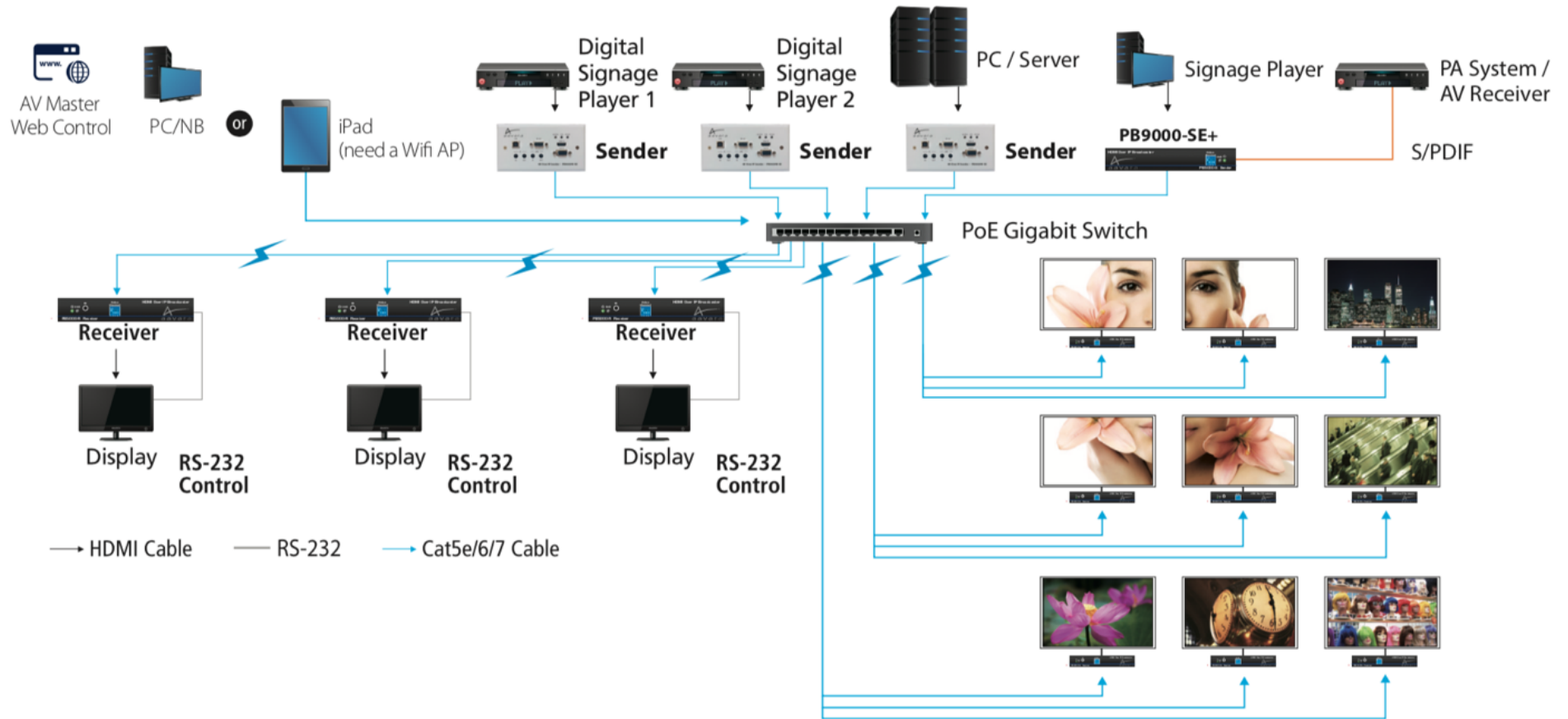


Keyboard HotKeys Control



IR Remote Control

Scalable & Flexible Digital Signage/Meeting Room/VideoWall



3rd Party Controller Integration

Residential AV Matrix

SAVANT

Control4

AMX

CRESTRON

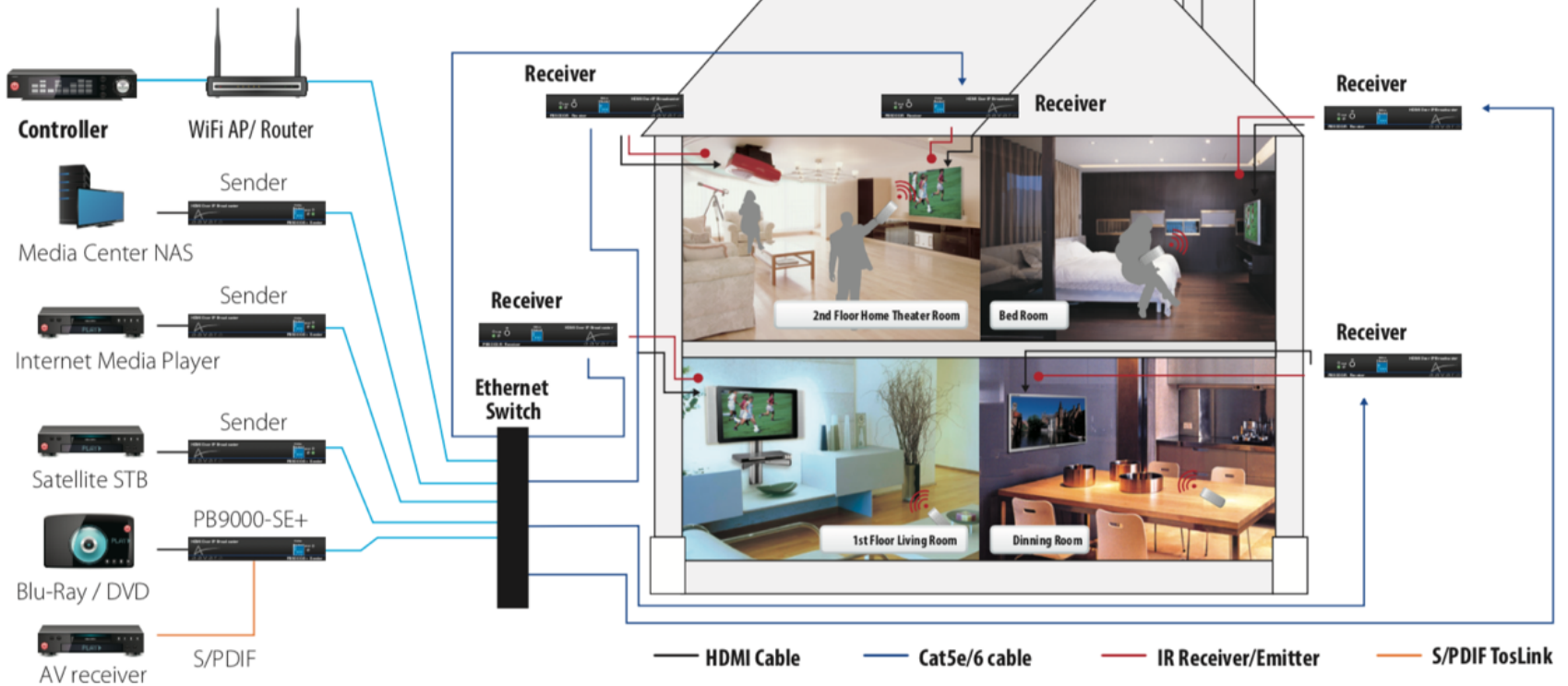
RTI

ELAN

Neets

COMMAND FUSION

Extron





PB9000 4K Over IP PB9000-SE+



2160p 30Hz
7.1 ch Audio
aavara
4K
OVER IP



HDMI In | HDMI Loop out
S/PDIF TOSLINK

HDMI Loopout

S/PDIF Out



AV Matrix

VideoWall

USB IP KVM

HDR

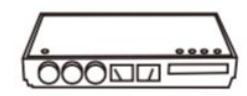
HDCP 2.2



Way to Control



AV Master Web Control



3rd Party Controller Integration



Keyboard HotKeys Control



IR Remote Control



PB9000-SE+

- 4K Over IP Sender with HDMI Loopout, S/PDIF Fiber Digital Audio out



PB9000HD-SE

- 1080p Over IP Sender with HDMI/VGA dual input
- Work with PB9000-RE receiver that convert 1080p input to 4K output



PB9000W-SE

- 4K Over IP Wall Plate Sender, EU Wall Plate form factor, HDMI/ VGA dual Input
- PoE power only



PB9000-RE

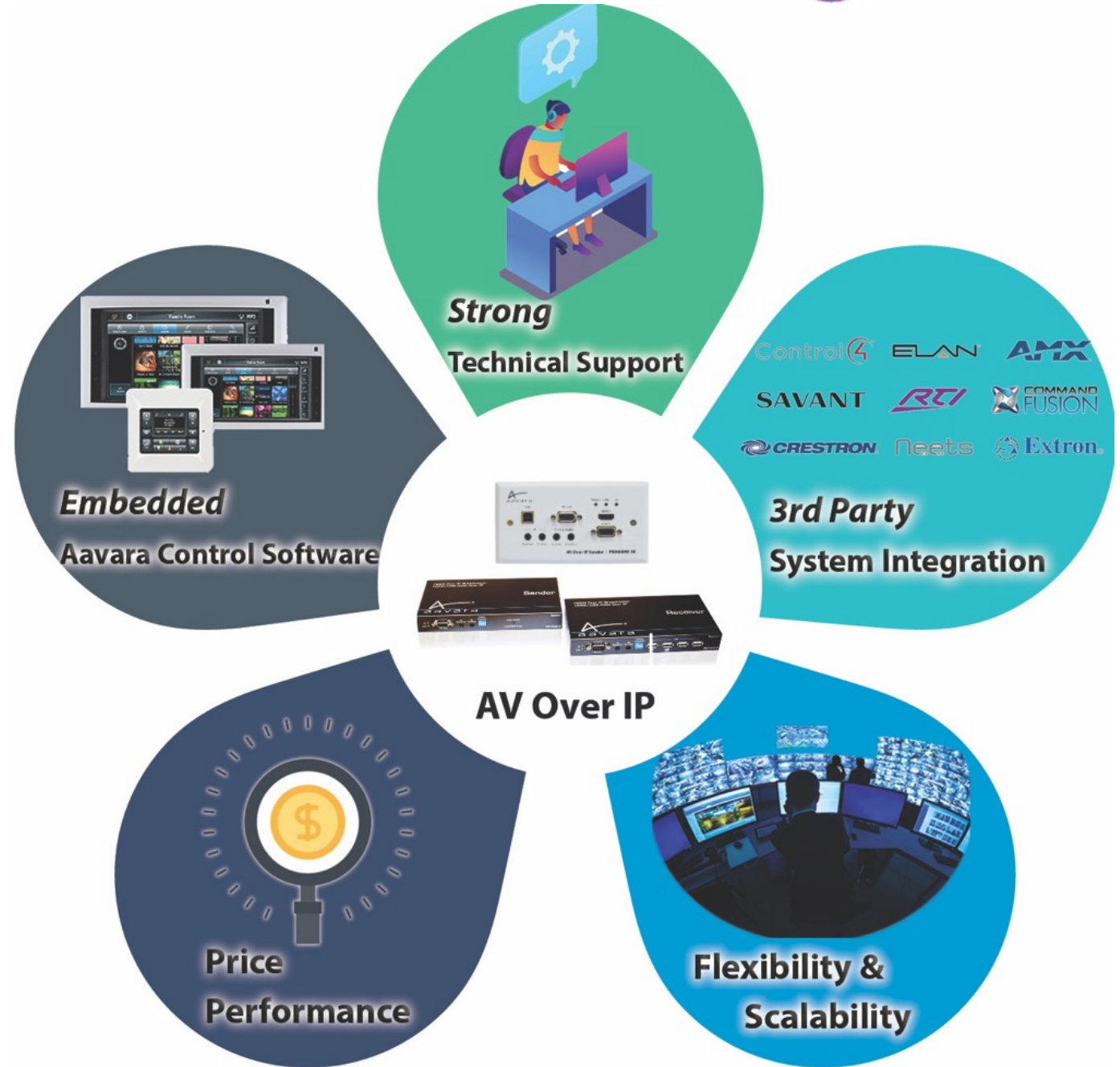
- 4K Over IP receiver with HDMI/VGA dual output



Why Aavara® AV-over-IP Solution?



Our Advantaages



On Screen Control



Touch Control Panel Control



Aavara®
PB9000 family
PB5000+



PC/NB Control

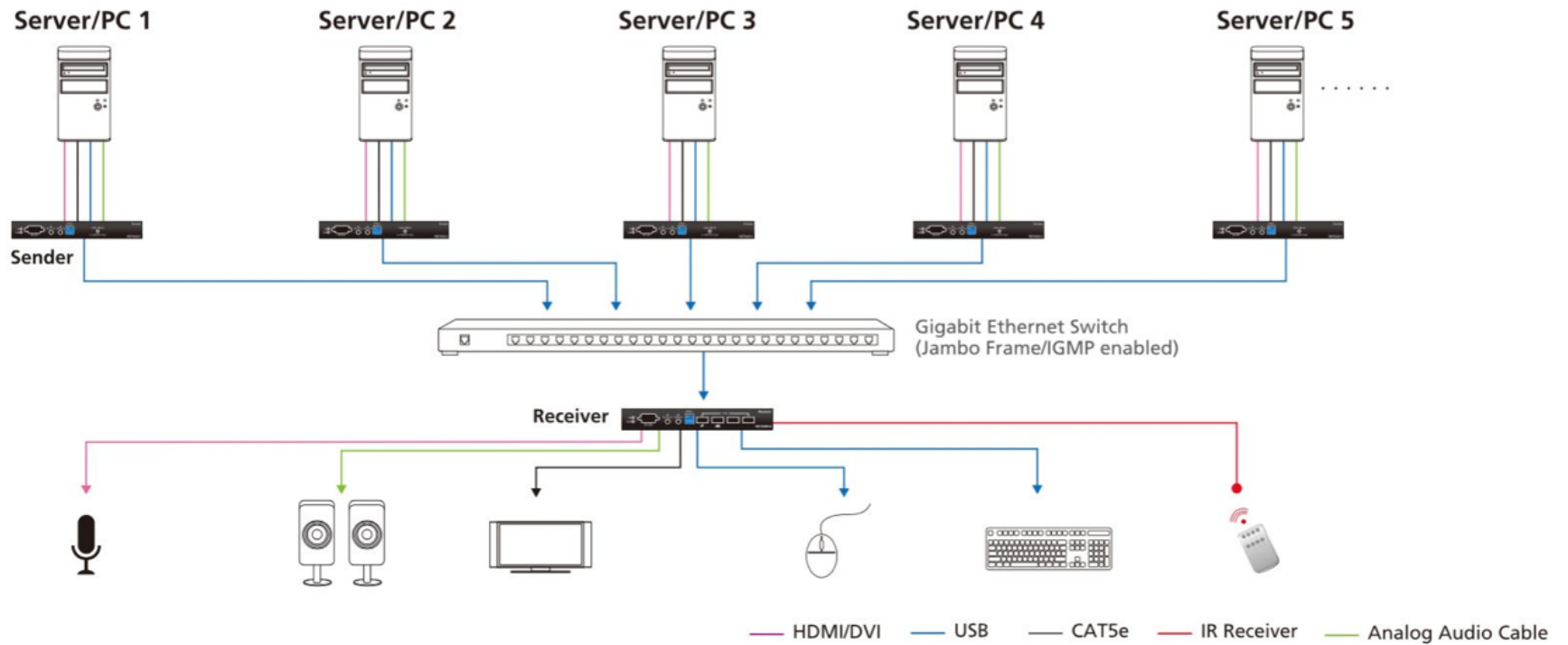


Tablet / Smart Phone Control



AV Matrix
Video Snapshot
VideoWall
OSD
RS-232 Command

Centralized IP KVM





Aavara® AV Solution Lineup



- **PD3000** Daisy Chain Broadcaster
 - **PB5000** HDMI Over IP
 - **PB9000 Family** 4K Over IP



Daisy-Chain Topology

100M Point to Point

1000M or Longer

1080p Video

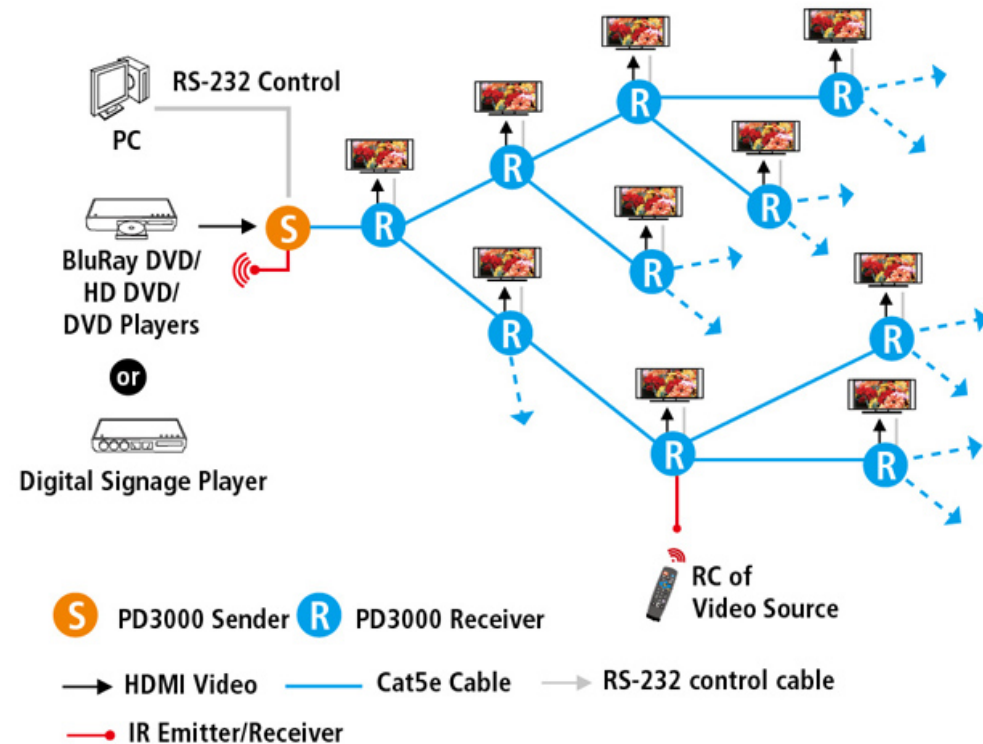
HD Audio

IR/RS-232 Pass-Thru

1920x1200 DVI



1 to Many Tree Topology Distribution



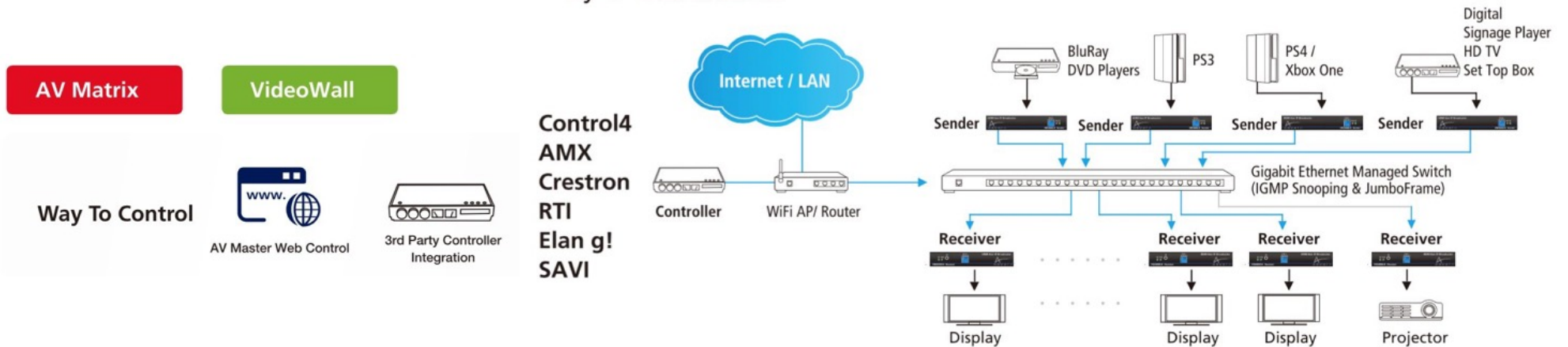


HDMI Over IP MultiCasting/ VideoWall **PB5000+**



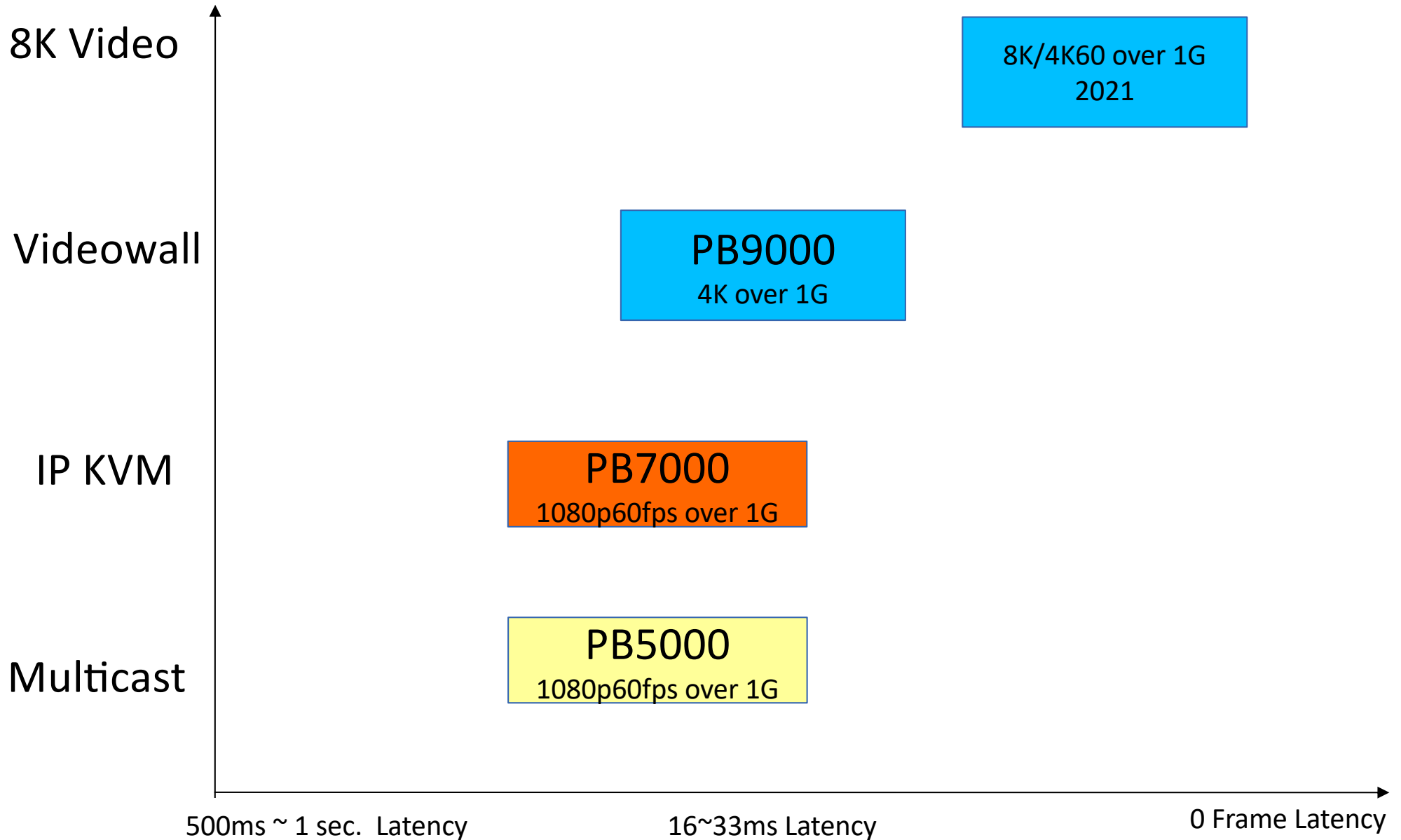
- HDMI Over IP
- 1080p Full HD
- IR Control Pass Thru
- RS-232 UniCast Broadcast
- Video Mode Switching
- EDID Copy
- HDCP compliant
- PC DVI compatible
- Multi-Casting
- Plug and Play

Controller driver provided, allow controller control Aavara Box directly by IP commands





HDMI Over IP Product Line UP





Thank You



www.aavara.com

