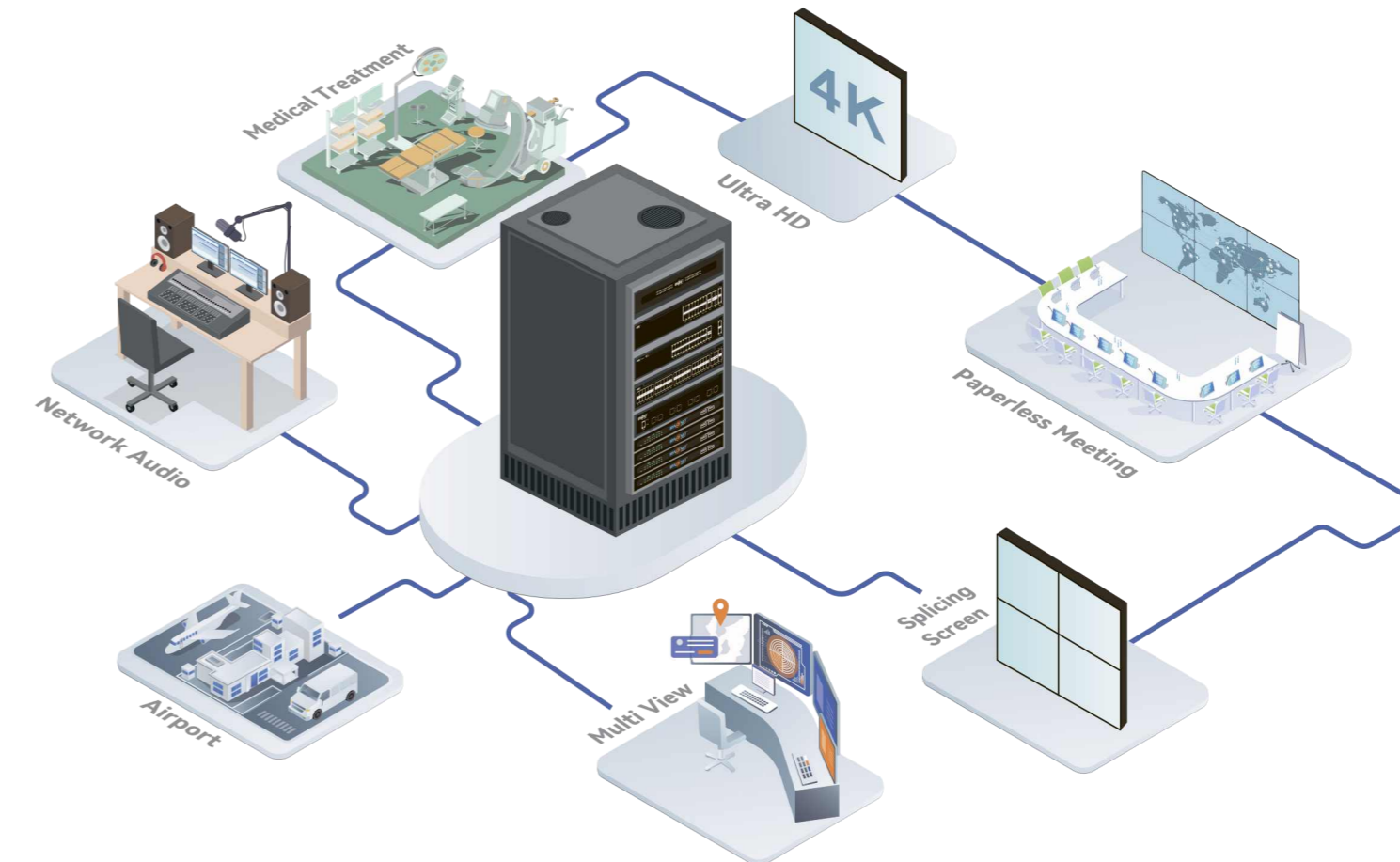




AVoIP Network Switch



**ООО «ТМС» официальный дистрибутор
и авторизованный сервисный центр
сетевого оборудования Hi-Net Technology Co., Ltd
в России и СНГ**

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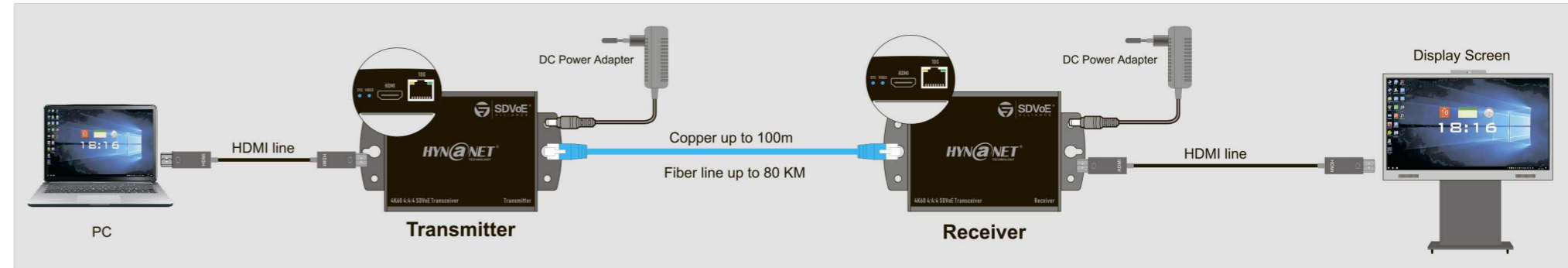
www.hi-net.com.ru



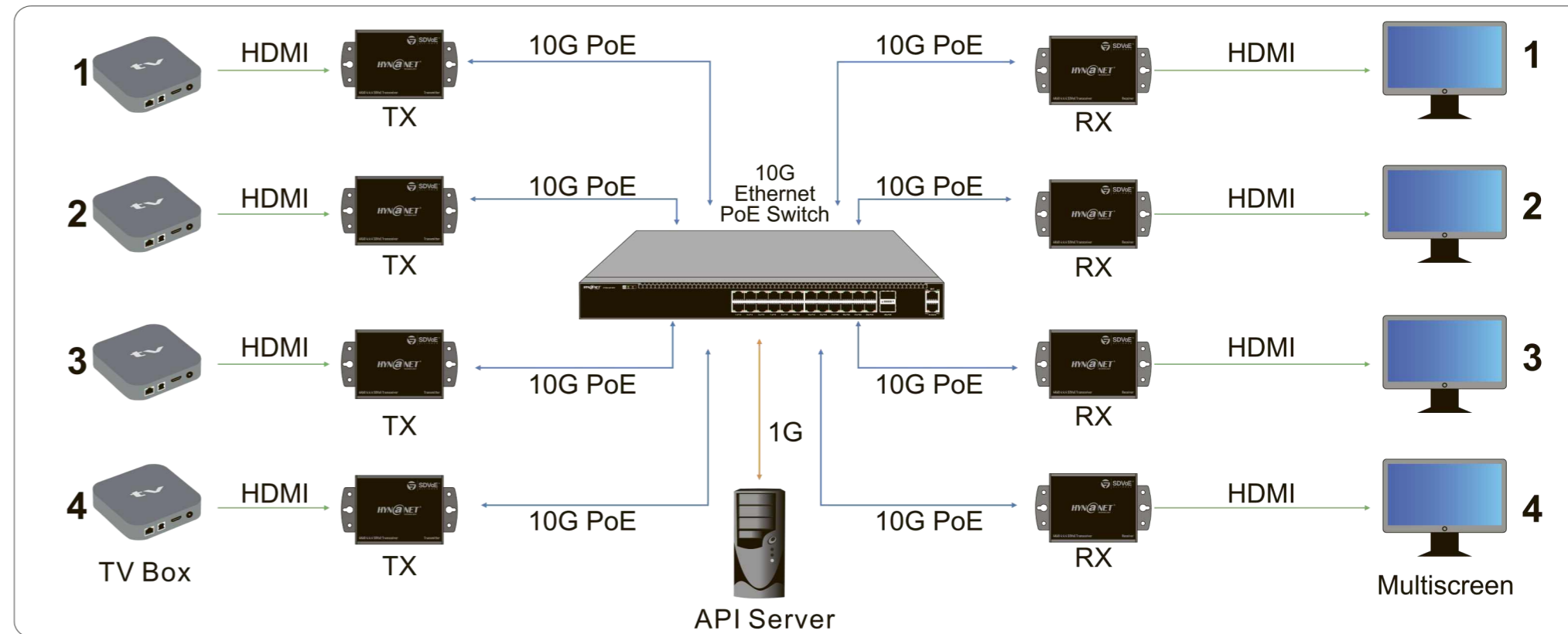
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SDVoE Point-to-Point Application



SDVoE Matrix Application



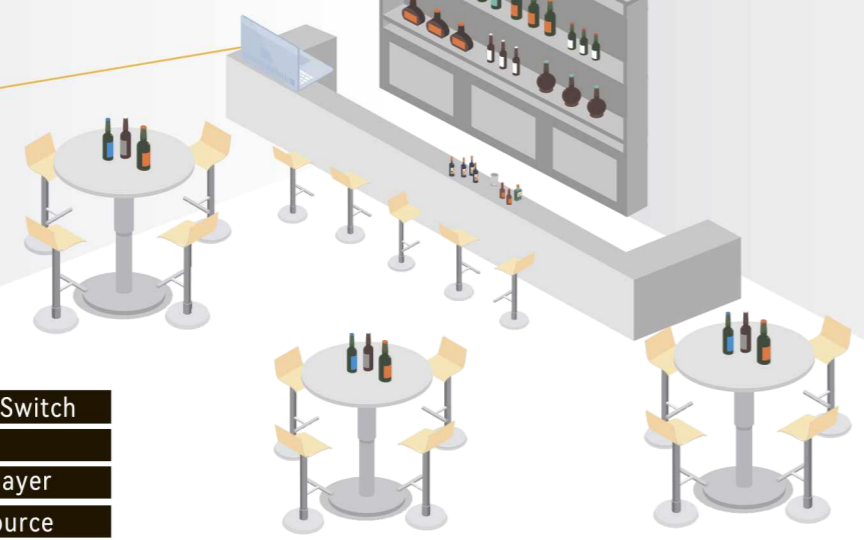
Audiovisual Entertainment Solution

Audio



4
3
1
5
2

- 1 10G PoE Switch
- 2 SDVoE
- 3 Media Player
- 4 Video Source
- 5 Sound Controller



Media Player

→ HDMI → To control the unit(Ethernet) → Audio



4K60Hz AV over IP Transceiver Series



| Models | VX4000E | VX4000S |
|------------------------------|--|--|
| Connection Ports | 1x HDMI OUT [Type A, 19-pin female] (Optional) 1x HDMI IN [Type A, 19-pin female] (Optional) 1x RS-232 [3-pin phoenix connector] 1x IR I/O [5-pin Phoenix Connector] 1x AUDIO IN/OUT [3.5mm Jack] 1x 10G BASE-T [RJ45 Jack] (Optional) 1x 10G SFP+ [Fiber slot] (Optional) 2 x USB 2.0 DEVICE | 1x HDMI IN [Type A, 19-pin female] (Optional) 1x HDMI OUT [Type A, 19-pin female] (Optional) 1x 10G BASE-T [RJ45 Jack] (Optional) 1x 10G SFP+ [Fiber slot] (Optional) |
| Video Wall | 5x5 Max | — |
| Multi View | 25 Windows Max | — |
| HDMI Compliance | HDMI 2.0 | |
| HDCP Compliance | HDCP 2.2 | |
| Encoding / Decoding Data | 1080p @ 60Hz 8bit - 3.4Gbps | |
| | 4K UHD @ 30Hz 4:4:4 8bit - 6.4Gbps | |
| Video Resolution (Max) | 4K UHD @ 60Hz 4:4:4 8bit - 8.7Gbps (with light compression) | |
| | 4096x2160p @ 60Hz 8bit 4:4:4 or RGB | |
| | 3840x2160p @ 60Hz 12bit 4:2:2 Dolby Vision | |
| Network Bandwidth | 3840x2160p @ 60Hz 10bit 4:2:2 HDR10/HLG | |
| | 1920x1080p @ 60Hz 12bit | |
| Copper Transmission Distance | 70m (10G Copper transceiver /receiver over CAT6 cable) | 100m (10G Copper transceiver/receiver over CAT6a/7 cable) |
| Fiber Transmission Distance | 3m (10G SFP+ AOC cable) | |
| | 550m (10G SFP+ Multimode transceiver/receiver over Multimode fiber) | |
| ESD Protection | 10~80Km (10G SFP+ Single mode transceiver/receiver over Single mode fiber) | |
| | Human body model - ±8kV (Air-gap discharge) & ±4kV (Contact discharge) | |
| Housing | Metal Enclosure | |
| Dimensions | 210 x 137 x 25 mm | 130(103) x 65 x 28 mm |
| Power Supply | DC Input: DC12V/ 2A | DC Input: DC12V/ 1A or PoE Input: IEEE802.3at (Optional) |
| Power Consumption | <10W | <8W |
| Operating Temperature | 32 - 104°F / 0 - 40°C | 32 - 104°F / 0 - 40°C |
| Storage Temperature | -4 - 140°F / -20 - 60°C | -4 - 140°F / -20 - 60°C |
| Relative Humidity | 20 - 90% RH (no-condensing) | 20 - 90% RH (no-condensing) |



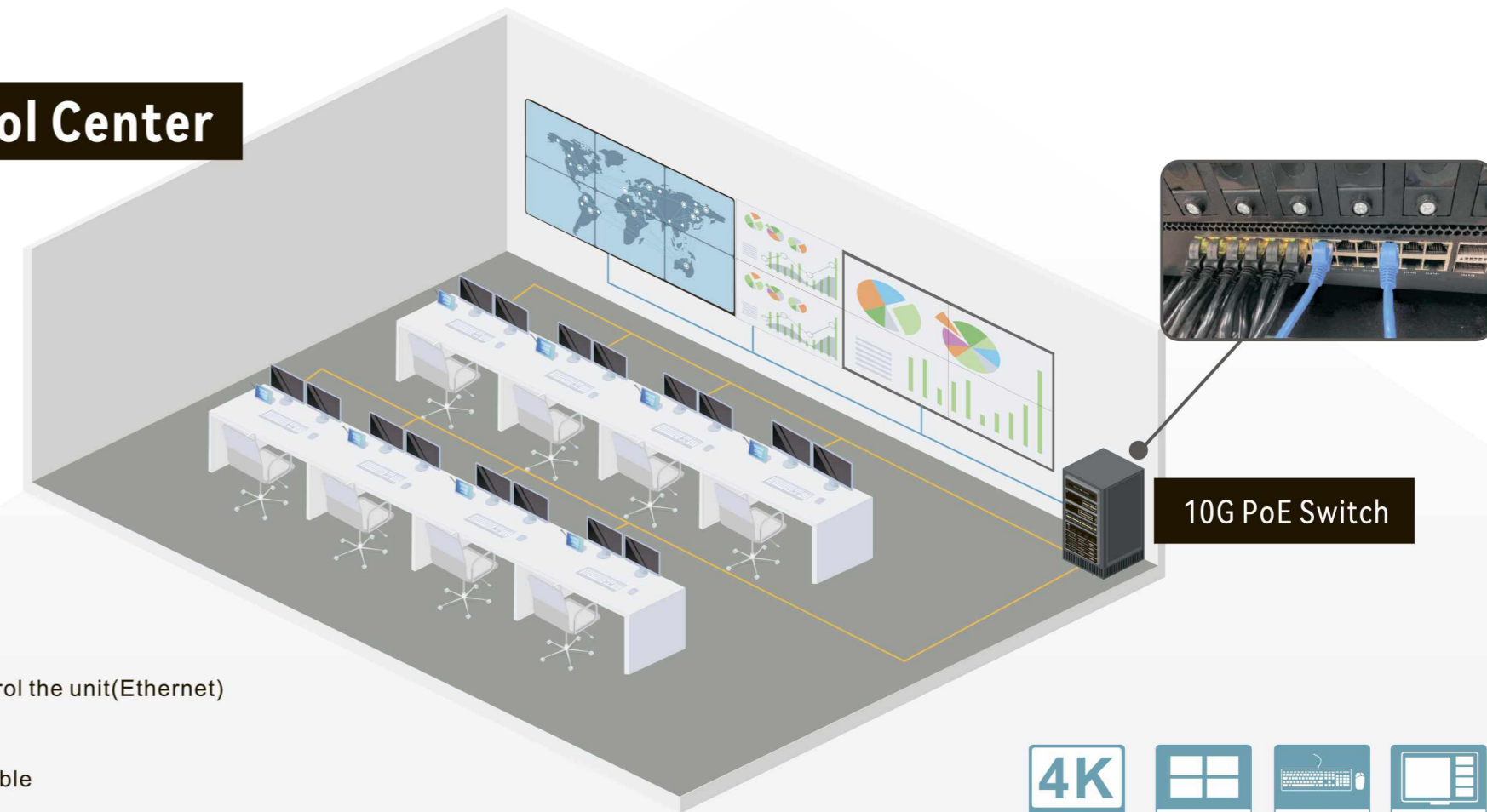
Order Information

| Models | Specifications |
|---------------|--|
| VX4000E-TR-F | SDVoE AV over IP Transceiver Fiber (Support both Encoder & Decoder) |
| VX4000E-TR-C | SDVoE AV over IP Transceiver Copper (Support both Encoder & Decoder) |
| VX4000E-TR-CF | SDVoE AV over IP Transceiver Combo (Support both Encoder & Decoder) |
| VX4000E-TX-F | SDVoE AV over IP Transmitter Fiber (Support only Encoder mode) |
| VX4000E-RX-F | SDVoE AV over IP Receiver Fiber (Support only Decoder mode) |
| VX4000E-TX-C | SDVoE AV over IP Transmitter Copper (Support only Encoder mode) |
| VX4000E-RX-C | SDVoE AV over IP Receiver Copper (Support only Decoder mode) |
| VX4000E-TX-CF | SDVoE AV over IP Transmitter Combo (Support only Encoder mode) |
| VX4000E-RX-CF | SDVoE AV over IP Receiver Combo (Support only Decoder mode) |
| VX4000S-TX-F | SDVoE AV over IP Transmitter Fiber |
| VX4000S-RX-F | SDVoE AV over IP Receiver Fiber |
| VX4000S-TX-C | SDVoE AV over IP Transmitter Copper |
| VX4000S-RX-C | SDVoE AV over IP Receiver Copper |
| VX4000S-TX-P | SDVoE AV over IP Transmitter Copper (PoE) |
| VX4000S-RX-P | SDVoE AV over IP Receiver Copper (PoE) |



| Models | S8016Q | S8008Q | S7052QX | S7026QX | S7032X | S7026 | S7022 | S7012 | S7012X | S7008F |
|---------------------------|---|---------------------------------|---|---|---------------------------------|--|--|--|---------------------------------|--------------------------------|
| Ports | 16 x 40Gbps QSFP+ 1 x Console | 8 x 40Gbps QSFP+ 1 x Console | 48 x 10Gbps SFP+ , 4 x 40Gbps QSFP+ , 1 x Console | 24 x 10Gbps SFP+ , 2 x 40Gbps QSFP+ , 1 x Console | 32 x 10Gbps SFP+ 1 x Console | 24 x 10Gbps RJ45 2 x 40Gbps QSFP+ , 4 x 10Gbps SFP+ 1 x Console | 16 x 10Gbps RJ45 2 x 40Gbps QSFP+ 2 x 10Gbps SFP+ 1 x Console | 10 x 10Gbps RJ45 2 x 10Gbps SFP+ 1 x Console | 12 x 10Gbps SFP+ 1 x Console | 8 x 10Gbps SFP+ 1 x Console |
| Switching Capacity | 1.28 Tbps | 640Gbps | 1.28 Tbps | 640Gbps | 640Gbps | 640Gbps | 560Gbps | 240Gbps | 240Gbps | 160Gbps |
| Forwarding Capacity | 952Mpps | 476Mpps | 952Mpps | 476Mpps | 476Mpps | 476Mpps | 357.12Mpps | 178.57Mpps | 178.57Mpps | 119Mpps |
| Forwarding Mode | Store and Forward | Store and Forward | Store and Forward | Store and Forward | Store and Forward | Store and Forward | Store and Forward | Store and Forward | Store and Forward | Store and Forward |
| Packet Buffer Memory | 72 Mbit | 32Mbit | 72 Mbit | 32Mbit | 32Mbit | 32Mbit | 32Mbit | 16Mbit | 16Mbit | 12Mbit |
| RAM for CPU | 2 Gbit | 8Gbit | 2 Gbit | 8Gbit | 8Gbit | 8Gbit | 8Gbit | 2Gbit | 2Gbit | 1Gbit |
| Flash Memory | 128 Mbit | 512Mbit | 128 Mbit | 512Mbit | 512Mbit | 512Mbit | 512Mbit | 256Mbit | 256Mbit | 256Mbit |
| MAC Address Table | 128 K | 32K | 128 K | 32K | 32K | 32K | 32K | 32K | 32K | 16K |
| Max. Jumbo Frame size | 12KB | 12KB | 12KB | 12KB | 12KB | 12KB | 12KB | 12KB | 12KB | 16KB |
| ACL Table | 1K | 1K | 1K | 1K | 1K | 1K | 1K | 4K | 4K | 512 |
| VLAN Quantity | 4K | 4K | 4K | 4K | 4K | 4K | 4K | 4K | 4K | 4K |
| VLAN Interface | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 1K | 1K | 32 |
| Multicast Groups | 4K | 4K | 4K | 4K | 4K | 4K | 4K | 4K | 4K | 512 |
| Routing Host | 16K | 16K | 16K | 16K | 16K | 16K | 16K | 8K IPv4 or 2K IPV6 | 8K IPv4 or 2K IPV6 | 768 |
| Routing Entries | 16K | 16K | 16K | 16K | 16K | 16K | 16K | 12K IPv4 or 3K IPV6 | 12K IPv4 or 3K IPV6 | 64 |
| Priority Queues | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Dimensions (mm) | 440x350x44mm(Built-In), 440x460x44mm (RPS) | | | | | 440x280x44mm(Built-In), 440x350x44mm (RPS) | | 440x200x44mm(Built-In), 440x280x44mm (RPS) | | 240x104x29 |
| Max. Power Consumption | 150W | 150W | 150W | 150W | 150W | 100W | 100W | 60W | 60W | 20W |
| Power Supplies (Optional) | Built-In Power Supply 100-240VAC, 50/60Hz, or Redundance Hot-swappable Power Supplies - RPS | | | | | | | | | DC Input : 12VDC |
| Operating Temperature | 0 to 40°C | 0 to 40°C | 0 to 40°C | 0 to 40°C | 0 to 40°C | 0 to 40°C | 0 to 40°C | 0 to 40°C | 0 to 40°C | 0 to 40°C |
| Operating Humidity | 5 to 95% Noncondensing | | | | | | | | | |
| Software Function | Support L3 Software functionality | | | | | | | | | |

Control Center



- To control the unit(Ethernet)
- HDMI
- CAT Cable



Power Supply List

| Models | Hot-swappable Power Supplies | Models | Built-In Industrial Power Supplies |
|------------|------------------------------|------------|------------------------------------|
| RPS0150-AN | 150W Hot Swap Power Supply | HP-P900PDS | 900W Industrial Power Supply |
| RPS0600-AN | 600W Hot Swap Power Supply | HP-P450PDS | 450W Industrial Power Supply |
| RPS0920-AN | 920W Hot Swap Power Supply | HP-P330PDS | 330W Industrial Power Supply |
| RPS1200-AN | 1200W Hot Swap Power Supply | HP-P150PDS | 150W Industrial Power Supply |
| RPS2000-AN | 2000W Hot Swap Power Supply | | |



| Models | S7026-24P | S7022-16P | S7012-8P | S7008T-8P |
|---------------------------|---|---|---|-----------------------------------|
| Ports | 24 x 10Gbps PoE 2 x 40Gbps QSFP+, 1 x Console | 16 x 10Gbps PoE 2 x 40Gbps QSFP+ 4 x 10Gbps SFP+ 1 x Console | 8 x 10Gbps PoE 2 x 10Gbps RJ45 2 x 10Gbps SFP+ 1 x Console | 8 x 10Gbps PoE 1 x Console |
| Switching Capacity | 640Gbps | 560Gbps | 240Gbps | 160Gbps |
| Forwarding Capacity | 476Mpps | 357.12Mpps | 178.57Mpps | 119Mpps |
| Forwarding Mode | Store and Forward | Store and Forward | Store and Forward | Store and Forward |
| Packet Buffer Memory | 32Mbit | 32Mbit | 16Mbit | 12Mbit |
| RAM for CPU | 8Gbit | 8Gbit | 2Gbit | 1Gbit |
| Flash Memory | 512Mbit | 512Mbit | 256Mbit | 256Mbit |
| MAC Address Table | 32K | 32K | 32K | 16K |
| Max. Jumbo Frame size | 12KB | 12KB | 12KB | 16KB |
| ACL Table | 1K | 1K | 4K | 512 |
| VLAN Quantity | 4K | 4K | 4K | 4K |
| VLAN Interface | 512 | 512 | 1K | 32 |
| Multicast Groups | 4K | 4K | 4K | 512 |
| Routing Host | 16K | 16K | 8K IPv4 or 2K IPV6 | 768 |
| Routing Entries | 16K | 16K | 12K IPv4 or 3K IPV6 | 64 |
| Priority Queues | 8 | 8 | 8 | 8 |
| Dimensions (mm) | 440x280x44mm (Built-In), 440x350x44mm (RPS) | | 440x200x44mm (Built-In), 440x280x44mm (RPS) | |
| Max. Power Consumption | 100W (Without PoE load) | 100W (Without PoE load) | 60W (Without PoE load) | 20W (Without PoE load) |
| Power Supplies (Optional) | Built-In Power Supply 100-240VAC, 50/60Hz, or Redundance Hot-swappable Power Supplies - RPS | | | Built-In 100-240VAC, 50/60Hz |
| Operating Temperature | 0 to 40°C | 0 to 40°C | 0 to 40°C | 0 to 40°C |
| Operating Humidity | 5 to 95% Noncondensing | 5 to 95% Noncondensing | 5 to 95% Noncondensing | 5 to 95% Noncondensing |
| Software Function | Support L3 Software functionality | Support L3 Software functionality | Support L3 Software functionality | Support L3 Software functionality |

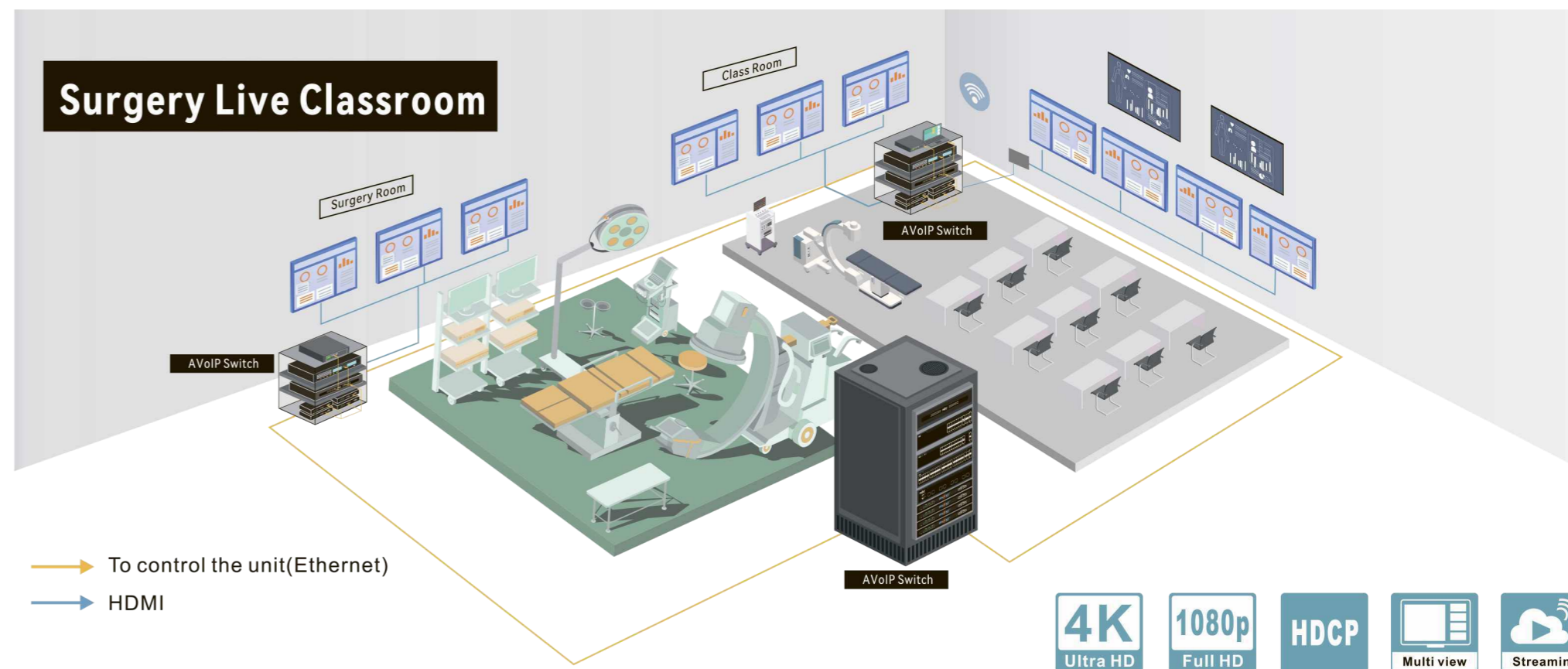


| Models | S6054 | S6030 | S6030R | S6022R | S5054 | S5030 | S5028F | |
|---------------------------|---|---|--|--|---|---|--|--|
| Ports | 48 x 2.5Gbps RJ45 (PoE Optional) 2 x 40Gbps QSFP+ 4 x 25/10Gbps SFP+ 1 x Console | 24 x 2.5Gbps RJ45 (PoE Optional) 2 x 40Gbps QSFP+ 4 x 25/10Gbps SFP+ 1 x Console | 24 x 2.5Gbps RJ45 (PoE Optional) 6 x 10Gbps SFP+ 1 x Console | 16 x 2.5Gbps RJ45 (PoE Optional) 6 x 10Gbps SFP+ 1 x Console | 48 x 1Gbps RJ45 (PoE Optional) 2 x 40Gbps QSFP+ 4 x 25/10Gbps SFP+ 1 x Console | 24 x 1Gbps RJ45 (PoE Optional) 2 x 40Gbps QSFP+ 4 x 25/10Gbps SFP+ 1 x Console | 24 x 1Gbps SFP 4 x 10Gbps SFP+ 1 x Console | |
| Switching Capacity | 600Gbps | 480Gbps | 420Gbps | 380Gbps | 456Gbps | 288Gbps | 128Gbps | |
| Forwarding Capacity | 446.4Mpps | 357.12Mpps | 312.48Mpps | 282.72Mpps | 339.3Mpps | 214.2Mpps | 95.2Mpps | |
| Forwarding Mode | Store and Forward | Store and Forward | Store and Forward | Store and Forward | Store and Forward | Store and Forward | Store and Forward | |
| Packet Buffer Memory | 32Mbit | 32Mbit | 16Mbit | 16Mbit | 32Mbit | 32Mbit | 12Mbit | |
| RAM for CPU | 4Gbit | 4Gbit | 2Gbit | 2Gbit | 4Gbit | 4Gbit | 2Gbit | |
| Flash Memory | 512Mbit | 512Mbit | 256Mbit | 256Mbit | 512Mbit | 512Mbit | 128Mbit | |
| MAC Address Table | 32K | 32K | 32K | 32K | 32K | 32K | 16K | |
| Max. Jumbo Frame size | 12KB | 12KB | 12KB | 12KB | 12KB | 12KB | 16KB | |
| ACL Table | 1K | 1K | 4K | 4K | 1K | 1K | 1K | |
| VLAN Quantity | 4K | 4K | 4K | 4K | 4K | 4K | 4K | |
| VLAN Interface | 512 | 512 | 1K | 1K | 512 | 512 | 1K | |
| Multicast Groups | 4K | 4K | 4K | 4K | 4K | 4K | 1K | |
| Routing Host | 16K | 16K | 8K IPv4 or 2K IPv6 | 8K IPv4 or 2K IPv6 | 16K | 16K | 2K IPv4 or 512 IPv6 | |
| Routing Entries | 16K | 16K | 12K IPv4 or 3K IPv6 | 12K IPv4 or 3K IPv6 | 16K | 16K | 512 IPv4 or 128 IPv6 | |
| Priority Queues | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| Dimensions (mm) | 440x280x44mm (Built-In), 440x350x44mm (RPS) | | | | | | 440x200x44 | |
| Max. Power Consumption | 150W (Without PoE load) | 120W (Without PoE load) | 60W (Without PoE load) | 60W (Without PoE load) | 150W (Without PoE load) | 120W (Without PoE load) | 30W | |
| Power Supplies (Optional) | Built-In Power Supply 100-240VAC, 50/60Hz, or Redundance Hot-swappable Power Supplies - RPS | | | | | | Built-In 100-240VAC, 50/60Hz | |
| Operating Temperature | 0 to 40°C | 0 to 40°C | 0 to 40°C | | 0 to 40°C | 0 to 40°C | 0 to 40°C | |
| Operating Humidity | 5 to 95% Noncondensing | 5 to 95% Noncondensing | 5 to 95% Noncondensing | | 5 to 95% Noncondensing | 5 to 95% Noncondensing | 5 to 95% Noncondensing | |
| Software Function | Support L3 Software functionality | | | | | | | |



| Models | AVS5052R | AVS5028R | AVS5020R | AVS5012R |
|------------------------|---|---|---|--|
| Ports | 48 x 1Gbps RJ45 4 x 10Gbps SFP+ 1 x Console | 24 x 1Gbps RJ45 4 x 10Gbps SFP+ 1 x Console | 16 x 1Gbps RJ45 4 x 10Gbps SFP+ 1 x Console | 8 x 1Gbps RJ45 4 x 10Gbps SFP+ 1 x Console |
| Switching Capacity | 176Gbps | 128Gbps | 112Gbps | 96Gbps |
| Forwarding Capacity | 160.7Mpps | 95.2Mpps | 83.3Mpps | 71.4Mpps |
| Forwarding Mode | Store and Forward | Store and Forward | Store and Forward | Store and Forward |
| Packet Buffer Memory | 16Mbit | 12Mbit | 12Mbit | 12Mbit |
| RAM for CPU | 2Gbit | 2Gbit | 2Gbit | 2Gbit |
| Flash Memory | 256Mbit | 256Mbit | 256Mbit | 256Mbit |
| MAC Address Table | 32K | 16K | 16K | 16K |
| Max. Jumbo Frame size | 12KB | 16KB | 16KB | 16KB |
| ACL Table | 4K | 1K | 1K | 1K |
| VLAN Quantity | 4K | 4K | 4K | 4K |
| VLAN Interface | 1K | 1K | 1K | 1K |
| Multicast Groups | 4K | 1K | 1K | 1K |
| Routing Host | 8K IPv4 or 2K IPv6 | 2K IPv4 or 512 IPv6 | 2K IPv4 or 512 IPv6 | 2K IPv4 or 512 IPv6 |
| Routing Entries | 12K IPv4 or 3K IPv6 | 512 IPv4 or 128 IPv6 | 512 IPv4 or 128 IPv6 | 512 IPv4 or 128 IPv6 |
| Priority Queues | 8 | 8 | 8 | 8 |
| Dimensions (mm) | 440x350x44 | 440x200x44 | 440x200x44 | 440x200x44 |
| Max. Power Consumption | 60W | 30W | 20W | 15W |
| Power Supplies | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz |
| Operating Temperature | 0 to 40°C | 0 to 40°C | 0 to 40°C | 0 to 40°C |
| Operating Humidity | 5 to 95% Noncondensing | 5 to 95% Noncondensing | 5 to 95% Noncondensing | 5 to 95% Noncondensing |
| Software Function | Support L2 / L3 Software functionality | Support L2 / L3 Software functionality | Support L2 / L3 Software functionality | Support L2 / L3 Software functionality |

| Models | AVS5052R-48P-900W | AVS5028R-24P-450W | AVS5020R-16P-270W | AVS5012R-8P-150W |
|---------------------------|--|---|---|--|
| Ports | 48 x 1Gbps PoE 4 x 10Gbps SFP+ 1 x Console | 24 x 1Gbps RJ45 4 x 10Gbps SFP+ 1 x Console | 16 x 1Gbps RJ45 4 x 10Gbps SFP+ 1 x Console | 8 x 1Gbps RJ45 4 x 10Gbps SFP+ 1 x Console |
| PoE Standard | IEEE802.3at | IEEE802.3at | IEEE802.3at | IEEE802.3at |
| PoE Power Budget | 850W | 430W | 250W | 135W |
| Max, PoE Wattage Per Port | 30W | 30W | 30W | 30W |
| PoE Voltage | 52V | 52V | 52V | 52V |
| PoE Pin Assignment | V- (RJ45 Pin 1,2), V+ (RJ45 Pin 3,6) | V- (RJ45 Pin 1,2), V+ (RJ45 Pin 3,6) | V- (RJ45 Pin 1,2), V+ (RJ45 Pin 3,6) | V- (RJ45 Pin 1,2), V+ (RJ45 Pin 3,6) |
| Dimensions (mm) | 440x350x44 | 440x200x44 | 440x200x44 | 440x200x44 |
| Power Supplies | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz |

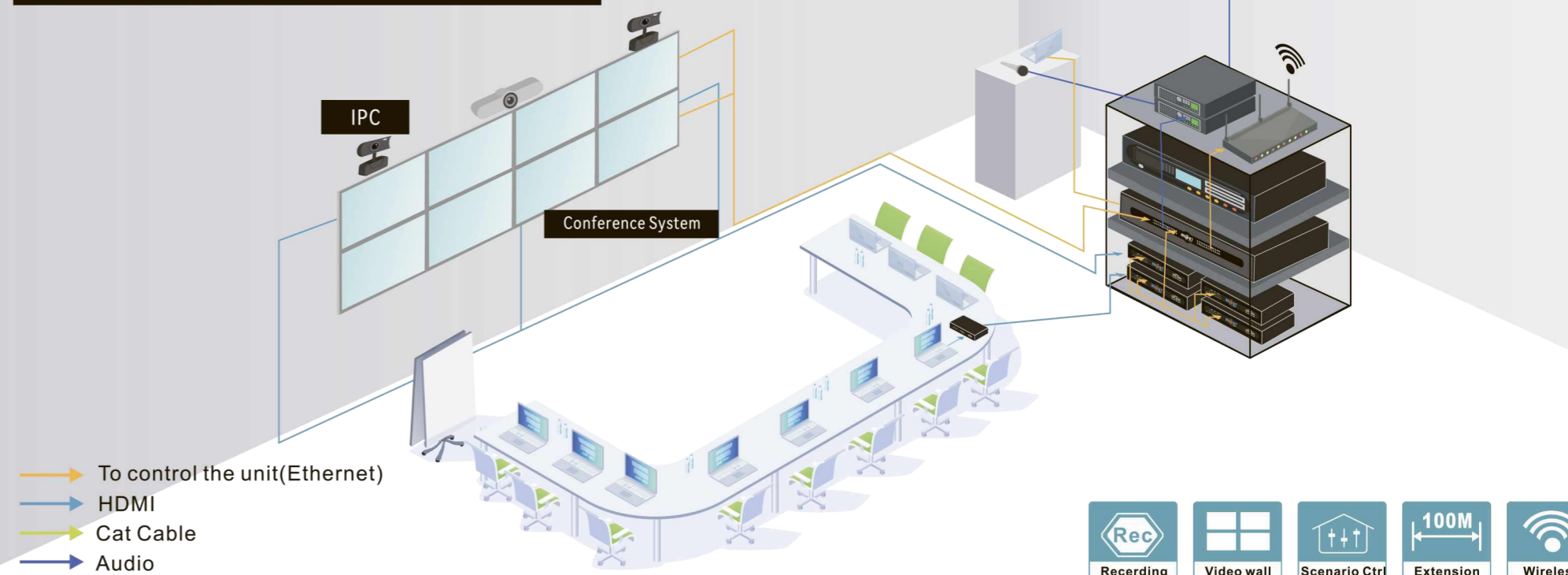




| Models | AVS3052R | AVS3028R | AVS3020R | AVS3012R |
|------------------------|---|---|---|--|
| Ports | 48 x 1Gbps RJ45 4 x 1Gbps SFP 1 x Console | 24 x 1Gbps RJ45 4 x 1Gbps SFP 1 x Console | 16 x 1Gbps RJ45 4 x 1Gbps SFP 1 x Console | 8 x 1Gbps RJ45 4 x 1Gbps SFP 1 x Console |
| Switching Capacity | 104Gbps | 56Gbps | 40Gbps | 24Gbps |
| Forwarding Capacity | 77.4Mpps | 41.7Mpps | 29.8Mpps | 17.9Mpps |
| Forwarding Mode | Store and Forward | Store and Forward | Store and Forward | Store and Forward |
| Packet Buffer Memory | 16Mbit | 12Mbit | 12Mbit | 12Mbit |
| RAM for CPU | 2Gbit | 2Gbit | 2Gbit | 2Gbit |
| Flash Memory | 256Mbit | 256Mbit | 256Mbit | 256Mbit |
| MAC Address Table | 32K | 16K | 16K | 16K |
| Max. Jumbo Frame Size | 12KB | 12KB | 12KB | 12KB |
| ACL Table | 4K | 1K | 1K | 1K |
| VLAN Quantity | 4K | 4K | 4K | 4K |
| VLAN Interface | 1K | 1K | 1K | 1K |
| Multicast Groups | 4K | 1K | 1K | 1K |
| Routing Host | 8K IPv4 or 2K IPv6 | 2K IPv4 or 512 IPv6 | 2K IPv4 or 512 IPv6 | 2K IPv4 or 512 IPv6 |
| Routing Entries | 12K IPv4 or 3K IPv6 | 512 IPv4 or 128 IPv6 | 512 IPv4 or 128 IPv6 | 512 IPv4 or 128 IPv6 |
| Priority Queues | 8 | 8 | 8 | 8 |
| Dimensions (mm) | 440x350x44 | 440x200x44 | 440x200x44 | 440x200x44 |
| Max. Power Consumption | 60W | 30W | 20W | 15W |
| Power Supplies | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz |
| Operating Temperature | 0 to 40°C | 0 to 40°C | 0 to 40°C | 0 to 40°C |
| Operating Humidity | 5 to 95% Noncondensing | 5 to 95% Noncondensing | 5 to 95% Noncondensing | 5 to 95% Noncondensing |
| Software Function | Support L2 / L3 Software functionality | Support L2 / L3 Software functionality | Support L2 / L3 Software functionality | Support L2 / L3 Software functionality |

| Models | AVS3052R-48P-900W | AVS3028R-24P-450W | AVS3020R-16P-270W | AVS3012R-8P-150W |
|---------------------------|--|--|--|---|
| Ports | 48 x 1Gbps PoE 4 x 1Gbps SFP 1 x Console | 24 x 1Gbps PoE 4 x 1Gbps SFP 1 x Console | 16 x 1Gbps PoE 4 x 1Gbps SFP 1 x Console | 8 x 1Gbps PoE 4 x 1Gbps SFP 1 x Console |
| PoE Standard | IEEE802.3at | IEEE802.3at | IEEE802.3at | IEEE802.3at |
| PoE Power Budget | 850W | 430W | 250W | 135W |
| Max. PoE Wattage Per Port | 30W | 30W | 30W | 30W |
| PoE Voltage | 52V | 52V | 52V | 52V |
| PoE Pin Assignment | V- (RJ45 Pin 1,2), V+ (RJ45 Pin 3,6) | V- (RJ45 Pin 1,2), V+ (RJ45 Pin 3,6) | V- (RJ45 Pin 1,2), V+ (RJ45 Pin 3,6) | V- (RJ45 Pin 1,2), V+ (RJ45 Pin 3,6) |
| Dimensions (mm) | 440x350x44 | 440x200x44 | 440x200x44 | 440x200x44 |
| Power Supplies (Optional) | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz |

Paperless Conference Solution

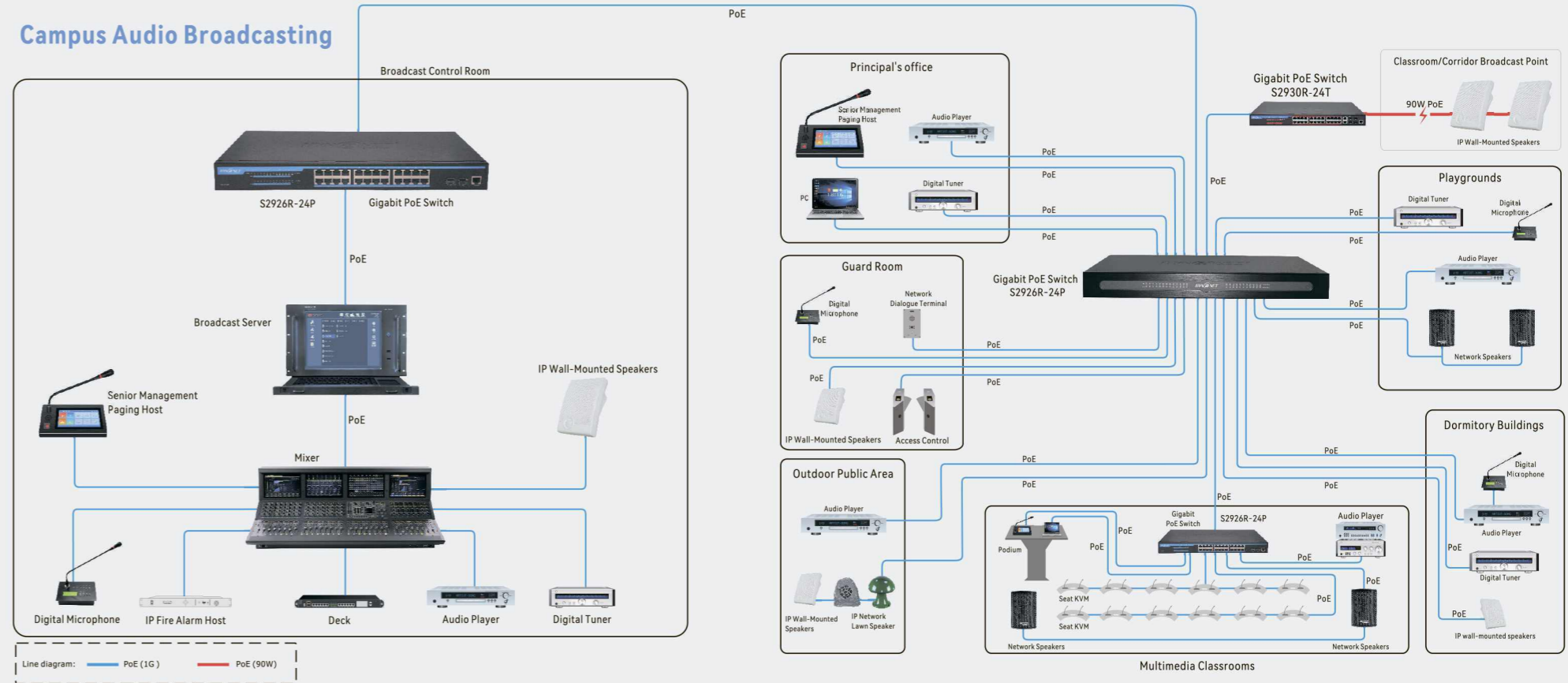




| Models | AVS2930R | AVS2926R | AVS2918R | AVS2914R | AVS2910R |
|---------------------------|---|---|---|--|--|
| Ports | 24 x 1Gbps RJ45 2 x 1Gbps Combo (RJ45/SFP) 2 x 1Gbps SFP 1 x Console | 24 x 1Gbps RJ45 2 x 1Gbps SFP 1 x Console | 16 x 1Gbps RJ45 2 x 1Gbps SFP 1 x Console | 8 x 1Gbps RJ45 2 x 1Gbps Combo (RJ45/SFP) 2 x 1Gbps SFP 1 x Console | 8 x 1Gbps RJ45 2 x 1Gbps SFP 1 x Console |
| Switching Capacity | 56Gbps | 52Gbps | 36Gbps | 24Gbps | 20Gbps |
| Forwarding Capacity | 41.7Mpps | 38.7Mpps | 26.8Mpps | 17.9Mpps | 14.9Mpps |
| Forwarding Mode | Store and Forward | Store and Forward | Store and Forward | Store and Forward | Store and Forward |
| Packet Buffer Memory | 4.1Mbit | 4.1 Mbit | 4.1 Mbit | 4.1 Mbit | 4.1 Mbit |
| RAM for CPU | 1Gbit | 1 Gbit | 1 Gbit | 1 Gbit | 1 Gbit |
| Flash Memory | 128Mbit | 128 Mbit | 128 Mbit | 128 Mbit | 128 Mbit |
| MAC Address Table | 8K | 8K | 8K | 8K | 8K |
| Max. Jumbo Frame size | 16KB | 16KB | 16KB | 16KB | 16KB |
| ACL Table | 512 | 512 | 512 | 512 | 512 |
| VLAN Quantity | 4K | 4K | 4K | 4K | 4K |
| VLAN Interface | 32 | 32 | 32 | 32 | 32 |
| Port Queues | 8 | 8 | 8 | 8 | 8 |
| Dimensions (mm) | 440x200x44 | 440x200x44 | 440x200x44 | 440x200x44 | 440x200x44 |
| Max. Power Consumption | 30W | 25W | 20W | 15W | 15W |
| Power Supplies (Optional) | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz |
| Operating Temperature | 0 to 40°C | 0 to 40°C | 0 to 40°C | 0 to 40°C | 0 to 40°C |
| Operating Humidity | 5 to 95% Noncondensing | 5 to 95% Noncondensing | 5 to 95% Noncondensing | 5 to 95% Noncondensing | 5 to 95% Noncondensing |
| Software Function | Support L2 Software functionality | Support L2 Software functionality | Support L2 Software functionality | Support L2 Software functionality | Support L2 Software functionality |

| Models | AVS2930R-24P-450W | AVS2926R-24P-450W | AVS2918R-16P-270W | AVS2914R-8P-150W | AVS2910R-8P-150W |
|---------------------------|--|--|--|---|---|
| Ports | 24 x 1Gbps PoE 2 x 1Gbps Combo (RJ45/SFP) 2 x 1Gbps SFP 1 x Console | 24 x 1Gbps PoE 2 x 1Gbps SFP 1 x Console | 16 x 1Gbps PoE 2 x 1Gbps SFP 1 x Console | 8 x 1Gbps PoE 2 x 1Gbps Combo (RJ45/SFP) 2 x 1Gbps SFP 1 x Console | 8 x 1Gbps PoE 2 x 1Gbps SFP 1 x Console |
| PoE Standard | IEEE802.3at | IEEE802.3at | IEEE802.3at | IEEE802.3at | IEEE802.3at |
| PoE Power Budget | 430W | 430W | 250W | 130W | 130W |
| Max. PoE Wattage Per Port | 30W | 30W | 30W | 30W | 30W |
| PoE Voltage | 52V | 52V | 52V | 52V | 52V |
| PoE Pin Assignment | V- (RJ45 Pin 1,2),V+ (RJ45 Pin 3,6) | V- (RJ45 Pin 1,2),V+ (RJ45 Pin 3,6) | V- (RJ45 Pin 1,2),V+ (RJ45 Pin 3,6) | V- (RJ45 Pin 1,2),V+ (RJ45 Pin 3,6) | V- (RJ45 Pin 1,2),V+ (RJ45 Pin 3,6) |
| Dimensions (mm) | 440x200x44 | 440x200x44 | 440x200x44 | 440x200x44 | 440x200x44 |
| Power Supplies | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz |

Campus Audio Broadcasting





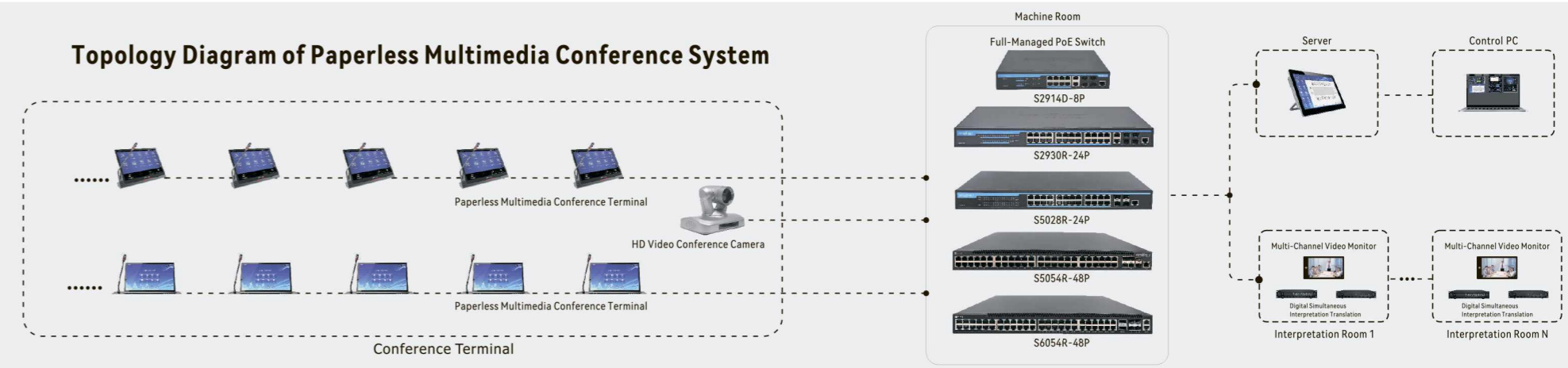
| | Models | AVS2628R | AVS2626R | AVS2618R | AVS2612R | AVS2610R |
|----------------------------|------------------------|---|---|---|--|--|
| Ports | | 24 x 1Gbps RJ45 (PoE Optional) 2 x 1Gbps RJ45 Uplink 2 x 1Gbps SFP Uplink | 24 x 1Gbps RJ45 (PoE Optional) 2 x 1Gbps SFP | 16 x 1Gbps RJ45 (PoE Optional) 2 x 1Gbps SFP | 8 x 1Gbps RJ45 (PoE Optional) 2 x 1Gbps RJ45 Uplink 2 x 1Gbps SFP Uplink | 8 x 1Gbps RJ45 (PoE Optional) 2 x 1Gbps SFP |
| Performance | Switching Capacity | 52 Gbps | 52 Gbps | 36 Gbps | 24 Gbps | 20 Gbps |
| | Forwarding Capacity | 38.7 Mpps | 38.7 Mpps | 26.8 Mpps | 17.85 Mpps | 14.9 Mpps |
| | Forwarding Mode | Store and Forward | Store and Forward | Store and Forward | Store and Forward | Store and Forward |
| | Packet Buffer Memory | 4.1 MBit | 4.1 MBit | 4.1 MBit | 4.1 MBit | 4.1 MBit |
| | MAC Address Table | 8K | 8K | 8K | 8K | 8K |
| Physical and Environmental | Dimensions (mm) | 440x200x44 | 440x200x44 | 440x200x44 | 440x200x44 | 440x200x44 |
| | Max. Power Consumption | 20W | 20W | 20W | 15W | 15W |
| | Power Supplies | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz |
| | Operating Temperature | 0 to 40°C | 0 to 40°C | 0 to 40°C | 0 to 40°C | 0 to 40°C |
| Operating Humidity | 5 to 95% Noncondensing | 5 to 95% Noncondensing | 5 to 95% Noncondensing | 5 to 95% Noncondensing | 5 to 95% Noncondensing | |

| IEEE802.3at Series | | | | | |
|---------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Models | AVS2628R-24P-450W | AVS2626R-24P-450W | AVS2618R-16P-270W | AVS2612R-8P-150W | AVS2610D-8P-150W |
| PoE Power Budget | 430W | 430W | 250W | 135W | 135W |
| PoE Standard | IEEE802.3at | IEEE802.3at | IEEE802.3at | IEEE802.3at | IEEE802.3at |
| Max, PoE Wattage Per Port | 30W | 30W | 30W | 30W | 30W |
| PoE Voltage | 52V | 52V | 52V | 52V | 52V |
| PoE Pin Assignment | V- (RJ45 Pin 1,2),V+ (RJ45 Pin 3,6) | V- (RJ45 Pin 1,2),V+ (RJ45 Pin 3,6) | V- (RJ45 Pin 1,2),V+ (RJ45 Pin 3,6) | V- (RJ45 Pin 1,2),V+ (RJ45 Pin 3,6) | V- (RJ45 Pin 1,2),V+ (RJ45 Pin 3,6) |

| IEEE802.3bt Series (Type-3) | | | | | |
|-----------------------------|---|---|---|--|---|
| Models | AVS2628R-24U-900W | AVS2626R-24U-900W | AVS2618R-16U-720W | AVS2612R-8U-450W | AVS2610R-8U-450W |
| Ports | 24 x 1Gbps 60W PoE 2 x 1Gbps RJ45 Uplink 2 x 1Gbps SFP Uplink | 24 x 1Gbps 60W PoE 2 x 1Gbps SFP | 16 x 1Gbps 60W PoE 2 x 1Gbps SFP | 8 x 1Gbps 60W PoE 2 x 1Gbps RJ45 Uplink 2 x 1Gbps SFP Uplink | 8 x 1Gbps 60W PoE 2 x 1Gbps SFP |
| PoE Standard | IEEE802.3af / at / bt (Type-3) | IEEE802.3af / at / bt (Type-3) | IEEE802.3af / at / bt (Type-3) | IEEE802.3af / at / bt (Type-3) | IEEE802.3af / at / bt (Type-3) |
| PoE Power Budget | 850W | 850W | 700W | 430W | 430W |
| Max, PoE Wattage Per Port | 60W | 60W | 60W | 60W | 60W |
| PoE Voltage | 52V | 52V | 52V | 52V | 52V |
| PoE Pin Assignment | V- (RJ45 Pin 1,2,7,8),V+ (RJ45 Pin 3,6,4,5) | V- (RJ45 Pin 1,2,7,8),V+ (RJ45 Pin 3,6,4,5) | V- (RJ45 Pin 1,2,7,8),V+ (RJ45 Pin 3,6,4,5) | V- (RJ45 Pin 1,2,7,8),V+ (RJ45 Pin 3,6,4,5) | V- (RJ45 Pin 1,2,7,8),V+ (RJ45 Pin 3,6,4,5) |

| IEEE802.3bt Series (Type-4) | | | | | |
|-----------------------------|---|---|---|--|---|
| Models | AVS2628R-24T-900W | AVS2626R-24T-900W | AVS2618R-16T-720W | AVS2612R-8T-450W | AVS2610R-8T-450W |
| Ports | 24 x 1Gbps 90W PoE 2 x 1Gbps RJ45 Uplink 2 x 1Gbps SFP Uplink | 24 x 1Gbps 90W PoE 2 x 1Gbps SFP | 16 x 1Gbps 90W PoE 2 x 1Gbps SFP | 8 x 1Gbps 90W PoE 2 x 1Gbps RJ45 Uplink 2 x 1Gbps SFP Uplink | 8 x 1Gbps 90W PoE 2 x 1Gbps SFP |
| PoE Standard | IEEE802.3af / at / bt (Type-4) | IEEE802.3af / at / bt (Type-4) | IEEE802.3af / at / bt (Type-4) | IEEE802.3af / at / bt (Type-4) | IEEE802.3af / at / bt (Type-4) |
| PoE Power Budget | 850W | 850W | 700W | 430W | 430W |
| Max, PoE Wattage Per Port | 90W | 90W | 90W | 90W | 90W |
| PoE Voltage | 52V | 52V | 52V | 52V | 52V |
| PoE Pin Assignment | V- (RJ45 Pin 1,2,7,8),V+ (RJ45 Pin 3,6,4,5) | V- (RJ45 Pin 1,2,7,8),V+ (RJ45 Pin 3,6,4,5) | V- (RJ45 Pin 1,2,7,8),V+ (RJ45 Pin 3,6,4,5) | V- (RJ45 Pin 1,2,7,8),V+ (RJ45 Pin 3,6,4,5) | V- (RJ45 Pin 1,2,7,8),V+ (RJ45 Pin 3,6,4,5) |

Topology Diagram of Paperless Multimedia Conference System





| Models | Standard | Ports | Data Speed | PoE Power Budget | Max. PoE Wattage Per Port | Input Voltage | Operating Temperature | Enclosure Material | Install Type | Dimensions (mm) | Product Image | | |
|---------------|----------------------------|-------|------------|------------------|---------------------------|---------------------|-----------------------|--------------------|--------------|-----------------|---------------|------|------|
| PE924-bt-10G | IEEE802.3at IEEE802.3bt | 24 | 10G | 900W | 90W | 100-240VAC, 50/60Hz | 0 ~ 40°C | Metal | Rack-Mount | 440x350x44 | | | |
| PE924-bt-5G | | | 5G | 900W | | | | | | | | | |
| PE924-bt-2.5G | | | 2.5G | 900W | | | | | | | | | |
| PE924-bt | | | 1G | 900W | | | | | | | | | |
| PE916-bt-10G | | | 16 | 16 | | | | | | | | 10G | 450W |
| PE916-bt-5G | | | | | | | | | | | | 5G | 450W |
| PE916-bt-2.5G | | | | | | | | | | | | 2.5G | 450W |
| PE916-bt | | | | | | | | | | | | 1G | 450W |
| PE908-bt-10G | | | 8 | 8 | | | | | | | | 10G | 250W |
| PE908-bt-5G | | | | | | | | | | | | 5G | 250W |
| PE908-bt-2.5G | | | | | | | | | | | | 2.5G | 250W |
| PE908-bt | | | | | | | | | | | | 1G | 250W |
| PE90-bt-10G | | 1 | 1 | 10G | 90W | | | | 60W | Wall-mounted | 180x65x40 | | |
| PE90-bt-5G | | | | 5G | 90W | | | | | | | | |
| PE90-bt-2.5G | | | | 2.5G | 90W | | | | | | | | |
| PE90-bt | | | | 1G | 90W | | | | | | | | |
| PE60-bt-10G | | | | 10G | 60W | | | | | | | | |
| PE60-bt-5G | | | | 5G | 60W | | | | | | | | |
| PE60-bt-2.5G | | | | 2.5G | 60W | | | | | | | | |
| PE60-bt | | | | 1G | 60W | | | | | | | | |

| Models | Standard | Ports | Data Speed | PoE Input Power | PoE Output Power | Distance | Dimensions (mm) | Product Features | Product Image | |
|-----------|---------------------------------------|-------------------------------|-------------------------------|-----------------|------------------|-----------------------------|-----------------|---------------------------|--|--|
| PX208 | IEEE802.3bt (IN) IEEE802.3at (OUT) | 1 x PoE Input, 7 x PoE Output | 1G | 90W/60W | 30W | Extend PoE and LAN 100meter | 240x104x29 | Indoor use, wall hanging | | |
| PX108 | | 1 x PoE Input, 7 x PoE Output | 100M | 90W/60W | 30W | | | | | |
| PX204 | | 1 x PoE Input, 4 x PoE Output | 1G | 90W/60W | 30W | | 130x86x29 | Indoor use | | |
| PX104 | | 1 x PoE Input, 4 x PoE Output | 100M | 90W/60W | 30W | | | | | |
| PX202 | | 1 x PoE Input, 2 x PoE Output | 1G | 90W/60W | 30W | | | | | |
| PX102 | | 1 x PoE Input, 2 x PoE Output | 100M | 90W/60W | 30W | | | | | |
| RPX208 | | 1 x PoE Input, 7 x PoE Output | 1G | 90W/60W | 30W | | 295x206x50 | Rain-Proof Outdoor Use | | |
| RPX204 | | 1 x PoE Input, 4 x PoE Output | 1G | 90W/60W | 30W | | | | | |
| PX202-bt | | IEEE802.3bt IEEE802.3at | 1 x PoE Input, 2 x PoE Output | 1G | 90W/60W | | 90W/60W | 120x78x35 | 6KV surge protection Indoor use, wall hanging | |
| PX102-bt | | | 1 x PoE Input, 2 x PoE Output | 100M | 90W/60W | | 90W/60W | | | |
| IPX202-bt | 1 x PoE Input, 2 x PoE Output | | 1G | 90W/60W | 90W/60W | | | | | |
| IPX102-bt | 1 x PoE Input, 2 x PoE Output | | 100M | 90W/60W | 90W/60W | | | | | |

