

| Models | iMatrix H44A | iMatrix H88A | iMatrix H1616A |
|-----------------------------------|---|---|---|
| Input Ports | 4xHDMI Type A [19-pin female] | 8xHDMI Type A [19-pin female] | 16xHDMI Type A [19-pin female] |
| Output Ports | 4xHDMI Type A [19-pin female] 4xL/R audio out [3.5mm Stereo Mini-jack] 4xCOAX audio out [RCA] | 8xHDMI Type A [19-pin female] 8xL/R Audio [3.5mm Stereo Mini-jack] 8xCoax Audio (RCA) | 16xHDMI Type A [19-pin female] 16xCoax Audio (RCA) |
| HDMI Audio Formats (Pass-through) | PCM2.0/5.1/7.1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD | LPCM 2/5.1/7.1, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X | |
| L/R Audio Formats | PCM 2.0 | | No |
| Coax Audio Formats | LPCM 2.0, Dolby Digital / Plus, DTS 5.1 | | |
| HDMI Compliance | HDMI 2.0b | | |
| HDCP Compliance | HDCP 2.2/1.x | | |
| Video Bandwidth | 18Gbps | | |
| Video Resolution | Up to 4K2K@60Hz (4:4:4) | | |
| Control Ports | 1x TCP/IP [RJ45] 1x RS-232[3-pin phoenix connector] 1x IR EXT [3.5mm Stereo Mini-jack] | | |
| Color Space | RGB, YCbCr 4:4:4/4:2:2/4:2:0 | | |
| Color Depth | 8-bit, 10-bit, 12-bit | | |
| HDR formats | HDR10, HDR10+, Dolby Vision, HLG | | |
| ESD Protection | Human-body Model: ±8kV (Air-gap discharge) , ±4kV (Contact discharge) | | |
| Housing | Metal Enclosure | | |
| Color | Black | | |
| Dimensions | 220mm (W)×105mm (D)×44mm (H) | 440mm (W)×200mm (D)×44.5mm (H) | 440mm (W)×200mm (D)×44mm (H) |
| Weight | 792g | 2.8kg | 3.1kg |
| Power Supply | Input: AC100~240V 50/60Hz Output: DC12V/2.5A (Locking connector) | Input: AC 100 - 240V 50/60Hz Output: DC 12V/5A (US/EU standard, CE/FCC/ULcertified) | Input: AC 100 - 240V 50/60Hz, Output: DC 24V/3.75A (US/EU standard, CE/FCC/ULcertified) |
| Power Consumption | 10W (max), 1.56W (Standby) | 43W | 76.8W |
| Operating Temperature | 0°C ~ 40°C / 32°F ~ 104°F | -10°C ~ 45°C / 14°F ~ 113°F | |
| Storage Temperature | -20°C ~ 60°C / -4°F ~ 140°F | | |
| Relative Humidity | 20~90% RH (non-condensing) | | |
| Resolution/ Cable length | 4K60 - 10ft / 3M; 4K30 - 32ft / 10M ; 1080P60 - 50ft / 15M The use of "Premium High Speed HDMI" cable is highly recommended. | 4K60 - 16ft / 5M; 4K30 - 32ft / 10M ; 1080P60 - 50ft / 15M The use of "Premium High Speed HDMI" cable is highly recommended. | |