



STORM|AUDIO

## ISP CORE 16 - SPECIFICATIONS

		ISP Core 16
<b>Main Features</b>	Auro-3D / Dolby Atmos / DTS:X Pro / IMAX Enhanced StormXT channel expander Dirac Live license included Dirac Live Active Room Treatment supporting speakers StormMonitoring - remote monitoring	✓ / ✓ / ✓ / ✓ / ✓ Optional Room Correction/Bass Control/Active Room Treatment Up to 9 ✓
<b>Multichannel / Surround Processing</b>	Output channels Decoding / upmixing channels Input sampling rate supported Post processing sampling rate Dirac Live runtime with high resolution mixed-phase filters Bass management : Standard & Expert Flexible bass routing (up to 6 zones, Expert mode) Multi-subwoofer channels Multi-way crossover (6 to 48 dB/oct, Linkwitz-Riley, Butterworth) Parametric EQ per channel	16 16 up to 192 kHz 48 kHz ✓ ✓ Optional Unlimited up to 4 per channel up to 20 filters
<b>HDMI</b>	HDMI inputs / outputs Standard Matrix capability for multi-room 4K UHD, rec BT709 and rec BT2020 High Dynamic Range : HDR10 / HLG / Dolby Vision Color space and subsampling Deep color (12 bpc) Max. resolution support (18 Gbps) 3D / OSD ARC / eARC	7/2 HDMI 2.0b / HDCP 2.2 Optional ✓ ✓ / ✓ / ✓ RGB, YCbCr, 4:4:4, 4:2:2, 4:2:0 ✓ 4K 60fps 4:4:4 8bpc ✓ / ✓ ✓ / ✓
<b>Audio Inputs</b>	Streaming: Room ready end point Digital input: coaxial / optical Digital input: AES/EBU 16ch (DCI compatible) Analog stereo inputs, balanced : XLR Analog stereo inputs, unbalanced: RCA	✓ 3 / 3 - - 4
<b>Audio Outputs</b>	Analog main outputs, balanced (ch 1 to 16) Analog main outputs, balanced (ch 17 to 24) Analog main outputs, balanced (ch 25 to 32) Analog main outputs, balanced (ch 17 to 32) Stereo downmix Zone2 outputs Digital output: AES/EBU 32ch (ch 1 to 32) Digital output: AVB 32ch (ch 1 to 32)	XLR - - - Digital Optical - -
<b>Audio Inputs/ Outputs</b>	Digital AES67 / Dante compatible (Audio over IP): 32ch out / 32ch in	-
<b>Set-up Management</b>	Audio zone configuration Individual theater and zone source selection (Main & Zone2) Theater and zones listening presets Dirac Live profiles Backup and restore of set-up Firmware update via USB / network	✓ ✓ Unlimited 10 per Theater / Zone ✓ ✓ / ✓
<b>Control Inputs / Outputs</b>	USB type A (upgrade and monitoring) Ethernet / Wi-Fi Output trigger control IR remote ports, in / out (input loop through) IR remote control sensor in front panel	2 ✓ / - 4 (out) 1 / 1 ✓
<b>Control / Custom Installation</b>	Front panel display Advanced control via front panel Web-based product configurator TCP/IP API based control StormRemote control application (iOS / Android) Crestron, Control4, Savant, RTI, ELAN home automation drivers Logitech Harmony IR database integration IR remote control handset	✓ (TFT 5") ✓ ✓ ✓ ✓ ✓ ✓ ✓
<b>Power Supply</b>	Voltage range Type Range selection	100V to 240V SMPS Universal
<b>Casing</b>	Home / rack (removable ears) Net weight (kg / lbs) Size Dimensions - no ears, no feet (cm) Ears : +4 cm (2 x 2 cm) - Feet : + 2 cm Dimensions - with box (cm)	✓ / ✓ 8 / 18 3RU 40,22 x 44,2 x 13,27 55 x 55 x 28