



# 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	Optional
	SphereAudio - Binaural Immersive Sound for Headphones	-
	Dirac Live room correction	✓
	Dirac Live Bass Control module	✓
	StormMonitoring - Remote Monitoring	✓
<b>Multichannel / Surround Processing</b>	Output channels	16
	Decoding / upmixing channels	16
	Input sampling rate supported	up to 192 kHz
	Post processing sampling rate	48 kHz
	Dirac Live runtime with High Resolution mixed-phase filters	✓
	Bass management : Standard & Expert	✓
	Flexible Bass Routing (up to 6 zones, Expert mode)	Optional
	Multi-subwoofer channels	Unlimited
	Multi-way crossover (6 to 48 dB/oct, Linkwitz-Riley, Butterworth)	up to 4 per channel
	Parametric EQ per channel	up to 20 filters
<b>HDMI</b>	HDMI inputs / outputs	7/2
	Standard	HDMI 2.0b / HDCP 2.2
	Matrix capability for Multi-room	Optional
	4K UHD, rec BT709 and rec BT2020	✓
	High Dynamic Range : HDR10 / HLG / Dolby Vision	✓ / ✓ / ✓
	Color Space and Subsampling	RGB, YCbCr, 4:4:4, 4:2:2, 4:2:0
	Deep Color (12 bpc)	✓
	Max. resolution support (18 Gbps)	4K 60fps 4:4:4 8bpc
	3D / OSD	✓ / ✓
	ARC / eARC	✓ / ✓
<b>Audio Inputs</b>	Streaming: Room Ready end point	✓
	Digital input: coaxial / optical	3 / 3
	Digital input: AES/EBU 16ch (DCI compatible)	-
	Analog stereo inputs, balanced : XLR	-
	Analog stereo inputs, unbalanced: RCA	4
<b>Audio Outputs</b>	Analog main outputs, balanced (ch 1 to 16)	XLR
	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 Optical
	Digital output: AES/EBU 32ch (ch 1 to 32)	-
	Digital output: AVB 32ch (ch 1 to 32)	-
<b>Audio Inputs/ Outputs</b>	Digital AES67 / Dante compatible (Audio over IP): 32ch out / 32ch in	-
<b>Set-up Management</b>	Audio zones configuration	✓
	Individual Theater and Zones source selection (Main & Zone2)	✓
	Theater and Zones listening presets	Unlimited
	Dirac Live profiles	10 per Theater / Zone
	Backup and restore of set-up	✓
	Firmware update via USB / network	✓ / ✓
<b>Control Inputs / Outputs</b>	USB type A (upgrade and monitoring)	2
	Ethernet / Wi-Fi	✓ / -
	Output trigger control	4 (out)
	IR remote ports, in / out (input loop through)	1 / 1
	IR remote control sensor in front panel	✓
<b>Control / Custom Installation</b>	Front panel display	✓ (TFT 5")
	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	✓
<b>Power Supply</b>	Voltage range	100V to 240V
	Type	SMPS
	Range selection	Universal
<b>Casing</b>	Home / Rack (removable ears)	✓ / ✓
	Net weight (kg / lbs)	8 / 18
	Size	3RU
	Dimensions rack ears included (cm / inches)	39,50 x 47,90 x 14,50 / 15,35 x 18,86 x 5,51