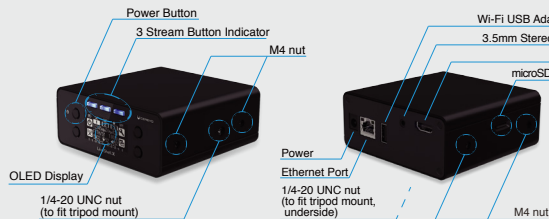# LiveShell Series Specifications Comparison Sheet

LiveShell.X

PC-less live streaming and recording at up to 1080/60p.

LiveShell X is a premium innovative live broadcast streaming device with HDMI input encoding at up to 1080/60p in H.265 and microSD card recording support, all without a PC.

USD 699

LiveShell.PRO

Live HD streaming for professionals.

LiveShell PRO features HDMI and composite AV inputs for HD and SD live streaming. H.264 video at up to 10Mbps and 720/30p resolution is supported.

USD 449

LiveShell.2

The world's most cost effective HD live streaming device.

Compact and lightweight, LiveShell 2 is designed for budget-conscious users. Featuring a HDMI input and support for up to 720/30p HD live streaming.

USD 299

	LiveShell.X	LiveShell.PRO	LiveShell.2
Max. Resolution	1080/60p (one stream or one recording)	720/30p	720/30p
Video Encoding	H.265/H.264	H.264	H.264
Audio Encoding	AAC-LC	AAC-LC	AAC-LC
Video Bit Rate	100kbps to 20Mbps	100kbps to 10Mbps	100kbps to 10Mbps
Audio Bit Rate	255kbps (Max.)	255kbps (Max.)	255kbps (Max.)
Simultaneous Streams	Max. 3 streams (+1 preview)	1 stream	1 stream
Recording Media	microSD (SDXC)	-	-
Recording Resolution	1080/60p (max.) (one recording)	-	-
Lower Thirds Support	✔	✔	✔
Transparent Lower Thirds	✔	-	-
Network Connectivity	Ethernet (10BASE-T / 100BASE-TX)	Ethernet (10BASE-T / 100BASE-TX)	Ethernet (10BASE-T / 100BASE-TX)
	Wi-Fi (IEEE 802.11a/b/g/n/ac)	Wi-Fi (IEEE 802.11a/b/g/n/ac)*2	Wi-Fi (IEEE 802.11a/b/g/n/ac)
Video Input Terminal	HDMI	HDMI / Composite	HDMI
Input Resolution	HDMI (1080p/60(59.94), 1080p/50, 1080p/30(29.97), 1080p/25, 1080p/24(23.976), 1080i/60(59.94), 1080i/50, 720p/60(59.94), 720p/50, 720p/30(29.97), 720p/25, 720p/24(23.976), 576p, 576i, 480p, 480i, VGA)*1	HDMI (1080i/60(59.94), 1080i/50, 720p/60(59.94), 720p/50, 576p, 576i, 480p, 480i, VGA)*1 Composite (NTSC/PAL)	HDMI (1080p/30(29.97), 1080p/25, 1080p/24(23.976), 1080i/60(59.94), 1080i/50, 720p/60(59.94), 720p/50, 576p, 576i, 480p, 480i, VGA)*1
Audio Input Terminal	HDMI-IN / Stereo Line-in	HDMI-IN / Stereo Line-in / Stereo microphone-in	HDMI-IN
Protocol Support	RTMP client / RTSP server mode	RTMP client / RTSP server mode	RTMP client / RTSP server mode
Battery Operating Time	Max. 6 hours battery life	Max. 3 hours battery life	Max. 3.3 hours battery life
Battery Replaceable/Rechargeable	Replaceable / Rechargeable	Replaceable / Rechargeable	Unreplaceable / Rechargeable
Size	W:102mm × D:100mm × H:42mm	W:123mm × D:90mm × H:26mm	W:78mm × D:113mm × H:26mm
Weight	380g (excluding battery), 480g (including battery)	300g (excluding battery), 350g (including battery)	150g

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*1) HDCP is not supported.
*2) 5GHz 11a/ac is available by using 'CDP-WF02A' Wi-Fi adapter(sold separately).