

Camera-Mounted Recorder Comparison Chart

11.03.11

											
	Codex On Board	S.two OB-1	Cinedeck Extreme	Convergent Design Gemini 4:4:4	Sony SR-R1	AJA Ki Pro Mini	Atomos Samurai	Black Magic Hyperdeck Shuttle	Convergent Design nanoFlash	Sound Devices PIX 220	Sound Devices PIX 240
Screen Size	N/A	N/A	7"	5"	N/A	N/A	5"	N/A	N/A	5"	5"
LCD Resolution	N/A	N/A	1024x600	800x480	N/A	N/A	800x480	N/A	N/A	800x480	800x480
Recording Format	Uncompressed / Wavelet Based / ARRIRAW	Uncompressed / ARRIRAW	Uncompressed HD, DNxHD, CineForm, Si-2K (option), ProRes	Uncompressed DPX	SR-Lite, SR-SQ, (SR-HQ Optional, DPX Optional)	ProRes HQ, 422, LT, Proxy	ProRes HQ, 422, LT	Uncompressed QuickTime	QuickTime or MXF - MPEG2 Long GOP or I-Frame	ProRes HQ, 422, LT, Proxy, DNxHD	ProRes HQ, 422, LT, Proxy, DNxHD
Max Bit Depth / Sampling	10-Bit 4:4:4 / 12-14 Bit ARRIRAW Support	10-Bit 4:4:4 / 12-14 Bit ARRIRAW Support	12-bit 4:4:4 / 10-bit 4:4:2	10 Bit 4:2:2 / 4:4:4	10-bit 4:4:4 (12-bit optional)	10-Bit 4:2:2	10-Bit 4:2:2	10-Bit 4:2:2	8-bit 4:2:2	10-Bit 4:2:2	10 Bit 4:2:2
SDI In/Out	4 In / 2 Out	4 In / 4 Out	2 In / 2 Out	2 In / 2 Out	2 In / 2 Out	1 In / 1 Out	1 In / 1 Out	1 In / 1 Out	1 In / 1 Out	No	1 In / 1 Out
HDMI In/Out	No	No	1 In / 1 Out	1-Type C Out	No	1 In / 1 Out	No	1 In / 1 Out	1 In / 1 Out (type C)	1 In / 1 Out	1 In / 1 Out
Recording Media	Proprietary Solid State Memory	Proprietary Solid State Memory	2.5" SSD	1.8" SSD	SR-MC SR Memory Cards	CF Cards	2.5" HDD or SSD	2.5" SSD	CF Cards	CF Cards / 2.5" SSD	CF Cards / 2.5" SSD
# Media Slots	1	1	1	2	1	2	1	1	2	1 Each	1 Each
Dual Link	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No
(Dual Stream) S3D	Yes	Yes	with EXTREME 2.0	Optional	Yes	No	No	No	No	No	No
Power	12-28v DC	12-30v DC	Anton Bauer / V-Mount / 12-28v DC	6-19v DC (Hirose)	12v DC - XLR4	12v DC - XLR4	2x Sony "L" (hot swap)	12v DC	6.5-19.5v DC (Hirose)	10-18v DC / 2x Sony "L"	10-18v DC / 2x Sony "L"
Weight	5.7 lb	7 lbs	4 lb	1 lb	-	1.26 lbs	.86 lbs	1 lb	1 lb	1.5 lb	1.5 lb
Timecode	SDI & LTC In / Out	SDI & LTC In / Out	SDI & LTC In / Out (Option)	SDI & LTC In	SDI & LTC In	SDI & LTC In	SDI	SDI	SDI & LTC In	LTC In / Out	SDI & LTC In / Out
Simultaneous HDMI & SDI Output	N/A	N/A	Yes	Yes	N/A	Yes	N/A	Yes	Yes	N/A	Yes
Mounting Options	On accessory mounting plate	On accessory mounting plate	1/4-20 & 3/8-16	1/4-20	On rods via optional accessory	On rods via optional accessory	1/4-20	On accessory mounting plate	1/4-20	1/4-20	1/4-20
MSRP	Price approx. \$60K (as kit)	Price approx. \$60K (as kit)	\$8,495 (\$8,990 for Hi-Brite)	\$6,295	\$15,037	\$1,995	\$1,495	\$345	\$2,995	\$1,895	\$3,049
	RAW		4:4:4			4:2:2					