















Camera-Mounted HD Recorder Comparison

	 AJA Ki Pro Quad	 Atomos Shogun	 Codex Onboard S Plus	 Convergent Design Odyssey 7Q / 7Q+	 Sound Devices PIX-E5	 Sound Devices PIX-E7	 AJA Ki Pro Mini	 Atomos Ninja 2	 Atomos Ninja Assassin	 Atomos Ninja Blade	 Atomos Ninja Star	 Atomos Samurai Blade	 Blackmagic Design Hyperdeck Shuttle 2	 Convergent Design Odyssey 7
Screen Size	2.5"	7"	N/A	7.7"	5"	7"	N/A	4.3"	7.1"	5"	N/A	5"	N/A	7.7"
LCD Resolution	320x240	1920x1200	N/A	1280x800	1920x1080	1920x1200	N/A	800x480	1920x1200	1280x720	N/A	1280x720	N/A	1280x800
Recording Format	ProRes	ProRes DNxHD DNG RAW	Uncompressed JPEG2000 ARRIRAW, Canon RAW	4K, ProRes, DNxHD, Uncomp. DPX <i>Option: ARRIRAW, Canon RAW, DNG RAW, Sony FS700 RAW, Quad stream HD</i>	ProRes LT to ProRes 4444 XQ	ProRes LT to ProRes 4444 XQ	ProRes, DNxHD	ProRes, DNxHD	ProRes, DNxHR	ProRes, DNxHD	ProRes, DNxHD	ProRes, DNxHD	Uncompressed QuickTime, DNxHD, ProRes HQ	ProRes, DNxHD
Max Bit Depth / Sampling	4K 10-bit 4:4:4 or Canon RAW Converted to ProRes 4K 4:4:4	4K DNG RAW 4K ProRes 10-Bit 4:2:2 4K DNxHR	12-Bit 4:4:4 ARRIRAW Canon RAW	12-Bit 4:4:4 Optional: ARRIRAW, Canon RAW, DNG RAW, FS700RAW	12-bit 4:4:4	12-bit 4:4:4	10-Bit 4:2:2	10-Bit 4:2:2	4K UHD-2160 24/25/30P Full HD 10-Bit 4:2:2	10-Bit 4:2:2	10-Bit 4:2:2	10-Bit 4:2:2	10-Bit 4:2:2	10-Bit 4:2:2
SDI In/Out	4 In / 4 Out SDI monitor out x1	12G SDI 1 In / 1 Out	2 In / 2 Out	2 In / 2 Out 2 bi-directional ports	1 In / 1 Out	1 In / 1 Out	1 In / 1 Out	No	No	No	No	1 In / 1 Out	1 In / 1 Out	2 In / 2 Out
HDMI In/Out	1 Out	1 in / 1 Out	No	1 in / 1 Out 4K HDMI in (7Q+)	1 In / 1 Out	1 In / 1 Out	1 In / 1 Out	1 In / 1 Out	1 In / 1 Out	1 In / 1 Out	1 In / 1 Out	No	1 In / 1 Out	1 In / 1 Out
Recording Media	Proprietary SSD	CFast or 2.5" HDD / SSD Raid	Proprietary SSD	Proprietary SSD	SpeedDrive	SpeedDrive	CF Cards	2.5" HDD or SSD	2.5" HDD or SSD, CFast	2.5" HDD or SSD	CFast	2.5" HDD or SSD	2.5" SSD	Proprietary SSD
# Media Slots	2	1	1	2	1	1	2	1	1	1	1	1	1	2
Dual Link / 3G	Both	12G	Both	Both	3G	3G	No	No	No	No	No	No	No	Both
Power	12v DC - XLR4	DC / Sony "L"	12-34v DC	10-34v DC	10-24v DC/ 2x Sony "L"	10-24v DC/ 2X Sony "L"	12v DC - XLR4n	2x Sony "L" (hot swap)	6.2-16.8v DC	2x Sony "L" (hot swap)	1 x Sony "L"	2x Sony "L" (hot swap)	12v DC	10-34v DC
Weight	2.22 lbs	1 lb	2.7 lbs	1.2 lbs	1 lb	1.7 lbs	1.26 lbs	.82 lb	1.5 lbs	.68lb	.22lb	.75lb	1lb	1.2 lbs
Timecode	SDI & LTC In	SDI & HDMI In	SDI & LTC In / Out	SDI/HDMI & LTC In/Out	SDI	SDI/HDMI	SDI & LTC In	HDMI	HDMI	HDMI	HDMI	SDI	SDI	SDI/HDMI & LTC In/Out
Simultaneous HDMI & SDI Output	Yes	Yes	N/A	Yes	Yes	Yes	Yes	N/A	No	N/A	N/A	N/A	Yes	Yes
Mounting Options	On rods via opt. accessory	1/4-20	On accessory mounting plate	1/4-20	1/4-20	1/4-20	On rods via opt. accessory	1/4-20	1/4-20	1/4-20	1/4-20	1/4-20	On accessory mounting plate	1/4-20
MSRP	\$3,995	\$1,995	\$10,500	7Q \$1,695 7Q+ \$2,295 (Base price w/o options)	\$1,395	\$1,595	\$1,695	\$695	\$1,295	\$995	\$295	\$1,295	\$328	\$1,295