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ALEXA Camera Specs



ALEXA

Camera Type	35 format flm-style digital camera			
Sensor Type	ALEV III CMOS			
Frame Rate	0.75 - 60 fps forward only, adjustable with 1/1000 precision.			
Aperture	Mode	Dimensions	Aspect Ratio	Pixels
	Recording ARRIRAW	23.760x13.365 mm / 0.9354x0.5262"	16:9	2880 x 1620
	Recording HD	23.760x13.365 mm / 0.9354x0.5262"	16:9	2880 x 1620
	Monitoring/EVF	26.136x14.702 mm / 1.0290x0.5788"	16:9	3168 x 1782
Recording	Internal to SxS memory cards	1080p Apple ProRes 422 (HQ) or Apple ProRes 4444 QuickTime® HD video with embedded 2-ch audio and ancillary metadata xml-file.		
	External via HD-SDI REC OUT	ARRIRAW or 1080PsF 4:4:4 rgB/4:2:2 YCbCr HD video. Recording frame rates other than HD standard 23.976, 24, 25, 29.97, 30, 50, 59.94,60 PsF requires a recorder with Variframe support. Recording ARRIRAW requires an ARRIRAW T-Link certified recorder.		
Sound	Under 20 dB(A) when recording at temperatures <25 degrees Celsius (77 degrees Fahrenheit) to SxS cards with lens, measured 1 m/3 feet from the image plane			
Power	12 or 24 V DC			
Dimensions	Length	332 mm/12.95" - body with PL mount		
	Width	153mm/6.02" - body only		

	Height	158mm/6.22" - body only
Lens	54 mm PL mount, adjusted for Super 35.	
Shutter	Electronic shutter, adjustable from 5 to 359° with 1/10th precision.	
Viewfinder	Electronic color viewfinder with a 1280 x 720 pixel F-LCOS micro display and ARRI LED backlight. Comes with an eyepiece diopter. Optional Viewfinder Extension Bracket VEB-1 and long EVF cable. High-speed interface to camera for very low latency.	
Viewing Screen	Superimposed format markers (customizable), peripheral image area and camera status. Pixel to pixel display for critical focusing. False color display for easy exposure check. Image can be fipped for use on left or right side of camera.	
Connections	1x monitoring out HD-SDI 1.5g (MON OUT)	1x time code (TC)
	1x return signal/sync in HD-SDI 1.5g (RET/SYNC IN)	1x headphone jack
	1x accessory interface (EXT)	1x audio in XLR 5-pin (AUDIO IN)
	2x recording out HD-SDI 3g/1.5g switchable (REC OUT)	1x viewfinder interface (EVF)
	1x 24 V power in (BAT)	1x powered network (NET)
	2x 24 V accessory power (RS)	1x memory card module
	1x 12 V accessory power	
Accessories	ALEXA has integrated clamps for 15mm rods. ALEXA is compatible to a wide range of production and lightweight matte boxes (15 or 19 mm system), follow focus units, lens control system (LCS) components, wireless remote system (WRS) components, electronic accessories and support systems. Specifically for ALEXA: 19mm rod bridge plate (BP-12), bridge plate adapter (BPA-1) for mounting on standard bridge plates (BP-3/5/8/9), wedge adapter (WA-1) for mounting on the Digi-Cine quick-release base plate (QR-HD1), shoulder pad (SP-3), ALEXA Ethernet Adapter (AEA-1), leveling block (LB-1), viewfinder interface cables, viewfinder mounting bracket (VMB-1), viewfinder extension bracket (VEB-1), electronic viewfinder (EVF-1), ALEXA low mode support set (LMS-3), center camera handle (CCH-1), handle extension block (HEB-2), side camera handle (SCH-1), battery adapter top for gold Mount (BAT-G), battery adapter top for V Mount (BAT-V), battery adapter back for gold Mount (BAB-G), battery adapter back for V Mount (BAB-V), spare fan module (SFM-1), ALEXA rain Shield (ARS-1)	



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