

Maximum Frame Rates for ALEXA Classic Cameras



Recording Format			Maximum Frame Rate in fps ^(1, 2)		
Sensor Mode	Recording Format	Format Setting ⁽³⁾	Internal Recording		External Recording
			SxS PRO 32 GB	SxS PRO 64 GB	Codex Onboard S Plus
16:9	ProRes HD	422 (Proxy)	60	120	-
		422 (LT)	60	120	-
		422	60	120	-
		422 (HQ)	60	120	-
		4444	40	60	-
	ProRes 2K	422 (Proxy)	60	60	-
		422 (LT)	60	60	-
		422	60	60	-
		422 (HQ)	50	60	-
		4444	30	60	-
	DNxHD ⁽⁴⁾	145	60	120	-
		220x	60	120	-
		444	30	60	-
	REC OUT HD-SDI Video	422 1.5G SL	-	-	30
		422 1.5G DL	-	-	60
		422 3G SL ⁽⁵⁾	-	-	60
		444 1.5G DL	-	-	30
		444 3G SL ⁽⁵⁾	-	-	30
		444 3G DL	-	-	60
	REC OUT ARRIRAW T-Link	1.5G DL	-	-	30
		3G SL ⁽⁵⁾	-	-	30
3G DL		-	-	60	

(1) Minimum frame rate is always 0.75 fps

(2) Frame rates above 60 fps require purchase of a High Speed license

(3) SL = Single Link, DL = Dual Link

(4) Requires purchase of a DNxHD license

(5) Same as 1.5G DL, just over one cable

„-“ = Not available

All values as of SUP 9.1 (ALEXA Classic)

Maximum Frame Rates for ALEXA Classic Cameras with XR Module Upgrade



Recording Format			Maximum Frame Rate in fps ⁽¹⁾					External Recorder
Sensor Mode	Recording Format	Format Setting ⁽²⁾	Internal Recording					Codex Onboard S Plus
			SxS PRO 32 GB ⁽³⁾	SxS PRO 64 GB ⁽³⁾	CFast 2.0 60 GB ⁽⁴⁾	CFast 2.0 120 GB ⁽⁴⁾	XR Capture Drive 512 GB	
16:9	ProRes HD	422 (Proxy)	60	120	120	120	120	-
		422 (LT)	60	120	120	120	120	-
		422	60	120	120	120	120	-
		422 (HQ)	60	120	120	120	120	-
		4444	40	60	120	120	120	-
	ProRes 2K	422 (Proxy)	60	60	60	60	60	-
		422 (LT)	60	60	60	60	60	-
		422	60	60	60	60	60	-
		422 (HQ)	50	60	60	60	60	-
		4444	30	60	60	60	60	-
	DNxHD ⁽⁵⁾	145	60	120	120	120	120	-
		220x	60	120	120	120	120	-
		444	30	60	90	90	96	-
	REC OUT HD-SDI Video	422 1.5G SL	-	-	-	-	-	30
		422 1.5G DL	-	-	-	-	-	60
		422 3G SL ⁽⁶⁾	-	-	-	-	-	60
		444 1.5G DL	-	-	-	-	-	30
		444 3G SL ⁽⁶⁾	-	-	-	-	-	30
444 3G DL		-	-	-	-	-	60	
ARRIRAW	-	-	-	-	120	-		
4:3 ⁽⁷⁾	ProRes 2K	422 (Proxy)	48	48	48	48	48	-
		422 (LT)	48	48	48	48	48	-
		422	48	48	48	48	48	-
		422 (HQ)	40	48	48	48	48	-
		4444	30	48	48	48	48	-
	ARRIRAW	-	-	-	-	90	-	

(1) Minimum frame rate is always 0.75 fps

(2) SL = Single Link, DL = Dual Link

(3) Requires a SxS Adapter

(4) Requires a CFast 2.0 Adapter

(5) Requires purchase of a DNxHD license for ALEXA, ALEXA Plus and ALEXA M; a DNxHD license is included in ALEXA Plus 4:3 and ALEXA Studio.

(6) Same as 1.5G DL, just over one cable

(7) 4:3 sensor mode is only available on ALEXA Classic cameras with an XR Modul upgrade that are inherently 4:3 capable: ALEXA M, ALEXA Plus 4:3 and ALEXA Studio

„-“ = Not available

All values as of SUP 9.1 (ALEXA XT/XR)