

Sensor	35mm format ARRI ALEV III CMOS with Bayer pattern color filter array.
Resolution	From used sensor photo sites to target resolution: 16:9 2880 x 1620 down-sampled to 1920 x 1080 for ProRes HD 2868 x 1612 down-sampled to 2048 x 1152 for ProRes 2K 3168 x 1778 used for ProRes 3.2K 16:9 2880 x 1620 used for ARRIRAW 16:9 4:3 Full 2868 x 2150 down-sampled to 2048 x 1536 for ProRes 2K 4:3 2880 x 2160 used for ARRIRAW 4:3 Full 4:3 Cropped 2578 x 2160 used for ARRIRAW 4:3 Cropped Open Gate 3414 x 2198 used for ARRIRAW Open Gate
Frame rates	16:9 ProRes HD 0.75 - 120 fps** ProRes 2K 0.75 - 60 fps** ProRes 3.2K 0.75 - 30 fps** DNxHD HD 0.75 - 120 fps** ARRIRAW 0.75 - 120 fps** 4:3 Full ProRes 2K 0.75 - 48 fps** ARRIRAW 0.75 - 90 fps** 4:3 Cropped ARRIRAW 0.75 - 96 fps** Open Gate ARRIRAW 0.75 - 75 fps**
Base ISO	800 ASA
Latitude	14+ Stops
Bit Depth	16 bit linear internal image processing
Recording Format	ARRIRAW, Quicktime / ProRes and MXF / DNxHD **
Dimensions	332 x 183 x 158mm
Weight	ALEXA XT body with XR Module: 7.3 kg ALEXA XT body with XR Module, electronic viewfinder and handle: 8.7 kg

Maximum Frame Rates



resolution	codec / format	bit depth	approx. data rate @25fps	max. data / hour @25fps	max. fps 32GB SxS Pro Card	max. fps 64GB SxS Pro Card	max. fps 512GB XR Capture Drive
3414x2198 (3.4K)	Open Gate ARRIRAW	12	2.21Gb/s	993.2GB/h	-	-	75fps
2880x2160 (2.8K)	4:3 ARRIRAW	12	1.82Gb/s	817.4GB/h	-	-	48fps
	4:3 ARRIRAW HS				-	-	90fps
2578x2160 (2.6K)	4:3 Cropped ARRIRAW	12	1.67Gb/s	752.1GB/h	-	-	48fps
	4:3 Cropped ARRIRAW HS				-	-	96fps
2880x1620 (2.8K)	16:9 ARRIRAW	12	1.37Gb/s	615.2GB/h	-	-	60fps
	16:9 ARRIRAW HS				-	-	120fps
2048x1536 (2K)	4:3 ProRes 4444 XQ	12	669.8Gb/s	301GB/h	-	30fps	48fps
2048x1536 (2K)	4:3 ProRes 4444	12	443Mb/s	194.7GB/h	30fps	48fps	48fps
3164x1778 (3.2K)	16:9 ProRes 4444 XQ	12	1.2Gb/s	538,3GB/h	-	-	30fps
3164x1778 (3.2K)	16:9 ProRes 4444	12	799Mb/s	359,4GB/h	-	30fps	30fps
2048x1152 (2K)	16:9 ProRes 4444 XQ	12	502,1Mb/s	226GB/h	-	40fps	60fps
2048x1152 (2K)	16:9 ProRes 4444	12	333Mb/s	145GB/h	40fps	60fps	60fps
1920x1080 (HD)	ProRes 4444 XQ	12	441,67Mb/s	198,96GB/h	25fps	48fps	60fps
1920x1080 (HD)	ProRes 4444	12	292Mb/s	128.3GB/h	40fps	60fps	60fps
	ProRes 4444 HS				-	-	120fps
1920x1080 (HD)	ProRes 422 HQ	10	193Mb/s	84.8GB/h	60fps	60fps	60fps
	ProRes 422 HQ HS				-	120fps	120fps
1920x1080 (HD)	DNxHD 444	10	440Mb/s	175.8GB/h	30fps	60fps	60fps
1920x1080 (HD)	DNxHD 422	10	185Mb/s	81.3GB/h	60fps	60fps	60fps
	DNxHD 422 HS				-	120fps	120fps