

Overview

Camera type	65 mm format digital cinema camera
Sensor	ARRI A3X CMOS sensor
Image aperture	5-perf 65 mm (54.12 mm x 25.58 mm active image area)
Sensor resolution	6560 x 3102 (Open Gate - maximum recordable)
Dimensions	Length: 387.8 mm 15.3 in Width: 208.3 mm 8.2 in Height: 163 mm 6.4 in (body only with XPL mount)
Weight	10.5 kg 23.2 lb
Lens mount	ARRI XPL mount with Lens Data System (LDS) functionality
Shutter	Electronic, 5.0° to 358.0°. Adjustable with 1/10° precision.
Frame rates	20 to 27 fps (Open Gate) *
Exposure index	EI 200 to EI 3200. Base sensitivity EI 800
Dynamic range	>14 stops

Recording system

Recording file format	Uncompressed ARRIRAW
Recorder crop modes	5-perf 65 mm (Open Gate, 1.78 extraction) 8-perf 35 mm (future)
Storage (type)	Codex XR Capture Drive *
Storage (capacity)	480 GByte capacity / 850 MByte per second data rate *
Storage (recording time)	11 minutes @ 24 fps

System interfaces

Viewfinder	Electronic color viewfinder ARRI EVF-1
BNC connectors	4 x 3G SDI - MON (1) OUT: 2 x 3G SDI - MON (2) OUT: 2 x 3G SDI
SD card	For software updates and menu settings etc. as with ALEXA New high speed operating mode for fast ARRIRAW frame grabs (planned feature)
Miscellaneous interfaces	Focus / iris / zoom motor control with full wireless lens control support 5 x RS 24 V 1 x 12 V TC I/O (5-pin Lemo) 1 x LDD 2 x LCS BAT and ACC connection

Monitoring and playback

Monitoring	3 independent color outputs, all with optional overlays: EVF-1 OUT MON (1) OUT MON (1) OUT MON OUT assistive displays: Zoom, overscan, overlay info, frame lines, false color exposure check, peaking focus check
CDL	CDL server support is provided as ALEXA XT
In-camera playback	Playback via EVF-1, HD-SDI MON OUT including audio

* Upgrade planned for Q1/2015