

ALEXA MINI SPECIFICATIONS

Sensor Type: Super 35 ARRI ALEV III CMOS

Sensor Resolution: 3424 × 2202 photosites

Sensor Size: 28.25 × 18.17 mm

Sensor Diagonal: 33.59 mm

Photosite Pitch: 8.25 µm

Dynamic Range: 14+ stops

Base Sensitivity: EI 800

Exposure Index Range: EI 160–3200

Maximum Frame Rate: Up to 200 fps

Recording Formats and Resolutions:

HD: 1920 × 1080

2K: 2048 × 1152

3.2K: 3200 × 1800

4K UHD: 3840 × 2160

2.8K 4:3: 2880 × 2160

2K Anamorphic 2.39:1: 2048 × 858

HD Anamorphic: 1920 × 1080

ARRIRAW 2.8K 16:9: 2880 × 1620

ARRIRAW 3.4K Open Gate: 3424 × 2202

Some recording formats require specific software licenses.

Recording Codecs:

MXF/ARRIRAW

Apple ProRes 4444 XQ

Apple ProRes 4444

Apple ProRes 422 HQ

Apple ProRes 422

Apple ProRes 422 LT

Recording Media: CFast 2.0 memory cards.

Frame Rates and Shutter:

Sensor Frame Rate Range: 0.75–200 fps

Shutter Type: Electronic shutter

Shutter Angle: 5°–356°

Shutter Speed: 1 second to 1/8000 second

Slow Motion: Up to 200 fps, depending on recording format.

Lens Mounts and Built-in Filters:

Standard Lens Mount: Titanium PL mount

Other Available Mounts: PL, EF and B4, depending on configuration

Lens Data: ARRI LDS support

Built-in ND Filters: FSND 0.6, 1.2 and 2.1, plus clear

Lens Mount: Interchangeable

Video Outputs and Connectivity:

2 × BNC SDI outputs for HD video monitoring

Wi-Fi remote camera control

Ethernet connectivity

Camera control via ARRI Electronic Control System

Support for ARRI WCU-4 wireless camera control

Compatibility with ARRI MVF-1 viewfinder

EXT connector for accessories and camera control

Power Requirements:

Power Input: 1 × LEMO 8-pin

Input Voltage: 10.5–34 V DC

Power Consumption: Approximately 43–84 W, depending on configuration

Accessory Power Output: 1 × LEMO 7-pin EXT

Maximum EXT Output Current: 1.1 A

Physical Dimensions and Weight:

Height: 140 mm / 5.5 in

Width: 125 mm / 4.9 in

Length: 185 mm / 7.3 in

Camera Body Weight: Approximately 2.3 kg / 5 lb, with titanium PL lens mount and excluding accessories.

Operating Conditions:

Operating Temperature: -20°C to +45°C

Storage Temperature: -30°C to +70°C

Maximum Relative Humidity: 95%, non-condensing

Sound Level: Less than 20 dB(A) at 24 fps

Environmental Protection: Sealed electronics; splash- and dust-resistant.

Note: These specifications refer to the original ARRI ALEXA Mini, not the ALEXA Mini LF. Some features, recording formats and frame rates depend on the installed software version and license keys.