THE FAMILY GOT BIGGER. AND SMALLER.

www.arri.com/alexamini
SMALL BUT EXCELLENT

Compact, lightweight and self-contained, the ARRI ALEXA Mini is the small and versatile allrounder in the ALEXA family. Perfectly complementing a full ALEXA shooting kit, ALEXA Mini eliminates the complications of working with third-party cameras for specialized shots and keeps everything within a single system that is trusted all over the world.

NIMBLE IN USE AND HARDY ON SET

To maintain ARRI’s famously rugged build quality in a small and lightweight camera, a number of unique design solutions have been incorporated. These include highly integrated and sealed electronics, a lightweight carbon housing, and a solid titanium PL mount that connects directly with the new internal sensor mount – also made of titanium – to ensure a super-stable flange focal distance, even when using large lenses.

ALEXA Mini can be operated in a number of ways: by wireless remote control, as a normal camera with the ARRI MVF-1 multi viewfinder attached, or with an on-board monitor and controlled via the user button interface on the camera body.

With the Camera Control Panel CCP-1, the camera can be used in studio mode with right-hand side interface, allowing camera controls to be accessed while the operator is framing through the optical viewfinder.

Designed with new-generation brushless gimbals, multicopters and other specialized rigs in mind, ALEXA Mini is light enough to be comfortably held at arm’s length in a hand rig, while its compact size also makes it ideal for tight shooting conditions, as well as underwater, car, action, and 3D shoots.

One of the new features of ALEXA Mini Software Update (SUP) 5.0 is the EXT Sync function that allows the sensors and operational parameters of up to 15 ALEXA Mini cameras to be synchronized to a master ALEXA Mini. EXT Sync simplifies the setup and control of multi-camera 3D, VR, and VFX applications, permitting the entire multi-camera setup to be operated as if it was one single camera.

BEST OVERALL IMAGE QUALITY

The key advantage of ALEXA Mini is the combination of a compact and lightweight form factor with the same unparalleled image quality that has made the ARRI ALEXA system a gold standard for the industry.

Combine the Mini with any other ALEXA camera and you will have perfectly matched images, even on anamorphic productions – thanks to the 4:3 sensor and automatic de-squeeze function. Workflows will also be identical, with options to record ProRes or uncompressed MXF/ARRIRAW in-camera to CFast 2.0 cards.

ARRI LOOK LIBRARY

87 LOOKS OR MORE - IT’S UP TO YOU

From Software Update Package (SUP) 5.0 for ALEXA Mini, ARRI is introducing an exciting new way to implement high-quality looks. The ARRI Look Library makes on-set look management available to productions of all budgets and can save time on set.

Offering a repertoire of 87 predefined creative color gradings, each in three intensities, the ARRI Look Library caters to a huge variety of different shooting scenarios.

Additionally, these looks can also be used as a basic to create new color gradings, which can be done in the camera’s menu or by using an external application like Pomfort Pocket Control.

In this way ARRI let the user choose its own degree of creativity – to select one of the existing looks or to get inspired to create a new one.

www.arri.com/arrilooklibrary
GREATER EFFICIENCY ON SET AND IN POST

SINGLE SYSTEM APPROACH

With ALEXA Mini, no extra time needs to be spent on set configuring third-party cameras previously required for specialized shots, or on wrangling the image files coming out of them.

The advantages extend into postproduction: working with ALEXA Mini eliminates time-consuming difficulties in the grade caused by combining small cameras from other manufacturers with an ALEXA shooting kit, as all images come from the same sensor and share the same color space. The ability to use CDLs and 3D LUTs in-camera for on-set color management will also reduce time and money spent in post.

INTEGRATED FUNCTIONS

The ALEXA Mini’s integrated lens motor controller allows focus, iris, and zoom settings to be controlled from ARRI hand units, without an additional external box. Further operational settings can be made remotely when working with the ARRI WCU-4 hand unit, including playback control and the ability to remotely load user setups.

Built-in WiFi connectivity facilitates remote control of camera functions from iOS devices, with no need for a special app. The motorized and remotely controllable internal ND filters permit rapid responses to changing light conditions, and help keep clutter around the camera to a minimum.

LENS METADATA

Integrated ARRI Lens Data System technology brings the added value of frame-accurate metadata about focus, iris and zoom settings. With these lens settings and exact depth-of-field displayed live on wireless hand units, precise adjustments can be made during a shot. The data also allows lens mapping to pre-marked focus rings and reduces the time and expense involved in achieving complex visual effects in post.

FUTURE-PROOF TECHNOLOGY WITH 4K UHD, HDR, AND HFR RECORDING

ARRI’s holistic approach to image quality makes ALEXA the most future-proof camera system available today, and the safest investment for tomorrow. By striking a perfect balance between pixel size and resolution, ALEXA Mini is able to capture a wider dynamic range, truer colors, lower noise and more natural skin tones than other cameras, whether the chosen output is HD, 2K, 4K UHD, or one of the native resolution outputs like uncompressed ARRI RAW 2.8K or ProRes 3.2K.

THE PERFECT MATCH - MASTER GRIPS AND ALEXA MINI WITH EF LENSES

This product combination is the ideal support for all action shots, sport reports, documentaries, or any other moments, where a super light camera set is required. Thanks to the low weight of all components, it is a real take away system, and with its compact size it also fits easily in a backpack. Solid materials, sealed electronics, and an unrestricted compatibility ensure a smooth workflow for receiving the typical cinematic ARRI HDR look, no matter how adverse the circumstances are.

Handy for single operators, the combination with the ARRI Master Grips additionally guarantee effective stabilization with comprehensive lens and iris control by one fingertip. With an intuitive user interface, the Master Grips are easy to set up either via the integrated touchscreen or physical buttons.
## Technical Specifications

**Camera type**
- 56mm format film style digital camera with lightweight and compact body, switchable active area support, area for ARRI ALEXA Mini Viewfinder, built-in remote control capabilities via ARRI Electronic Control System and WFI, support for Leica lens motors, built-in mechanical ND filters,
- Interchangeable lens system and lens motor
date

**Sensor**
- 56mm format ALEXA 2K CMOS with Bayer pattern color filter array [2875 x 1840]

**Dynamic range**
- 14.5+ Stops

**Active photo site (with surround view)**
- ARRIRAW

**Recording codecs**

**Film metadata**
- Genlock (optional activation through ARRI service)

**Frame rates (in-camera recording to MXF-wrapped)**
- ARRIRAW file

**Recording formats**

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<th>Recording frame rates</th>
<th>ProRes</th>
<th>ARRIRAW</th>
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<td>Other frame rates</td>
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**Lens mounts**
- Titanium-PL mount with lens connector and LCL, EF Mount, PL mount w/ PL connector and LCL, BM mount w/ PL connector and LCL

**Shutter**
- Electronic Shutter

**Power input**
- Leica 8-pin, 10.5–34 V DC

**Power supply**
- 10.5–34 V DC

**Side Accessory Plate SAP-1**
- Accessory plate that offers accessory mounting threads at the rear of the camera body, as well as compatibility with the Rod Mounting Bracket RMB-3.

**Rod Mounting Bracket RMB-3**
- RMB-3 offers support for a single 19 mm rod (15 mm rod via reduction insert) and provides mounting solutions for accessories such as lens motors or lightweight viewfinder mounts.

**Mini Viewfinder Mount MVF-1**
- The MVF-1 contains all necessary rods and brackets to mount an MVF-1 viewfinder to the camera via MAP-2.

**Broadcast Plate for ALEXA Mini**
- The ARRI Broadcast Plate for ALEXA Mini is an adjustable base plate designed for documentary-style filming.

**Shutter angle**
- Shutter angle from 5.0° to 356.0°, adjustable with 1/10 degree precision

**Controller interface**
- Soft buttons and SSD in SDI output, integration of Thetaboxx Startel HS-ARRI touch interface, WCU-1 hand unit with control over operational parameters

**Color correction**
- White balance changes the red/blue hue of the image, color correction changes green/magenta

**Image processing**
- NVision integral image processing with full ALEXA Wide Gamut Log color space

**Power supply**
- Leica 8-pin, 10.5–34 V DC

**Sound level**
- 20 dB (A) at standard frame rates

**Environmental**
- 20°C to 40°C (°F to °F) / 99% humidity max, non-condensing, splash and dust-proof through sealed electronics

**Weight**
- 2.3 kg / 5lbs (Camera body with titanium PL lens mount)

Visit our webpage for more information: [www.arri.co](http://www.arri.co)
GLOBAL SERVICE AND SUPPORT

The ALEXA Mini and its accessories are built to withstand hard, prolonged use on set. Every single tool is backed by ARRI’s worldwide network of official service centers, offering support 24 hours a day, five days a week.