![ATOMOS logo]

INTRODUCING

SHOGUN AV-19

Rack mountable 19-inch, 4K HDR monitor-recorder-switcher for production and broadcast

ATOMOS.COM

Key features

- 19-inch, 4K HDR DCI-P3 7RU rack-mounted monitor

- Record in ProRes, ProRes RAW, Avid DNx to CFexpress or external USB-C storage

- Record up to four isolated camera feeds (ISOs) plus a fifth program output

- Live multi-camera monitoring

- 2 x 12G-SDI + 2 x 3G-SDI in, 12G-SDI out, HDMI in/out with XLR audio

- Comprehensive technical monitoring tools including EL Zone™ false color, focus peaking, waveform & more

- Send and receive NDI® HX3 over Ethernet

- User-definable function buttons

- Log to LUT viewing, supporting 3D & .cube

SHOGUN AV-19

Front View

RACK MOUNT HOLES

Mounting points for standard 19-inch rack installation using compatible hardware (7 RU height)

TOUCHSCREEN CONTROL

Easy to navigate and user-friendly interface

CFEXPRESS CARD SLOT

Record 12-bit ProRes, ProRes RAW or DNx to CFexpress Type B card

19-INCH, 1200 NIT 4K HDR DISPLAY

3840 x 2160 4K UHD
100% Rec.709, 99% DCI-P3, 99% NTSC, 87% BT.2020

QUAD SPLIT OR FULL SCREEN

Quad-split or switch between 4 inputs

USER-DEFINED FUNCTION BUTTONS

Instant access to up to six frequently used features at the touch of a button

PROG 4k30 · OUT HD30 · MON OUT Preview · AUDIO IN 1 · CFE 12:25:30

Zoom · False color · Multiscope Analysis · Waveform · Zebras · Vectorscope · Focus peaking · Frame guides · Grid markers · Anamorphic desqueeze · RGB parade · Display flip · EL Zone™ · PLUS MORE!

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Rear View

DC / BATTERY INPUTS

XLR-4 connections for DC power supply or a single V-Lock battery. Shogun AV-19 features Atomos Continuous Power technology which uses looping for uninterrupted switching between two power sources (DC and/or Battery) during use. When using a third-party power source, ensure GND (–) to Pin 1 and (+) to Pin 4.

AUDIO IN

XLR inputs for line-level or microphone sources, with selectable 48 V phantom power for compatible microphones.

AUDIO OUT

XLR outputs for monitoring. The audio channel routed to each output can be selected via the headphone settings in the audio menu.

HDMI IN/OUT

Supports recording up to 4Kp60. HDMI output provides live loop out or play-out when in playback mode up to 4Kp60 video.

GIGABIT ETHERNET PORT

RJ45 connector.

SYNC CONNECTION

Input-only reference signal for locking internal timing to an external source during play back

USB-C PORTS

Used to attach external USB-C media. Please visit: atomos.com/shogun-av-certified for supported devices.

4K/HD-SDI OUT

Output to an external monitor or other device. Provides loop-through of the incoming SDI or HDMI signal in record and standby mode, and playback when in playback mode.
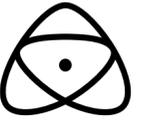
4K/HD-SDI IN

12G-SDI input connections, backward compatible to 6G, 3G and 1.5G signals. Supports 3G-SDI level A and B.

HD-SDI IN

3G-SDI input connections. The SDI inputs support 3G in both level A and B standards.
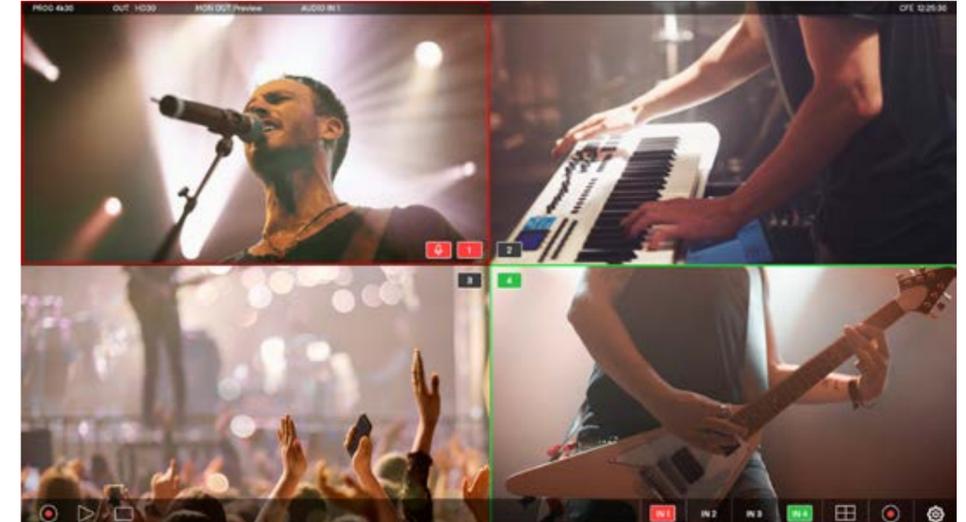
Use cases

On-set monitoring

Confidently manage complex productions with a large, color-accurate 4K HDR display that's ideal for directors, technical directors, and camera operators.

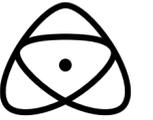## Technical & confidence monitoring

Bright, 19-inch 4K HDR display with comprehensive technical monitoring tools including EL Zone™ false color, focus peaking, waveform & more.

Live switching & routing

Live switcher capable of playing and recording up to four ISO camera feeds, for broadcasts and live events.

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Frequently Asked Questions

Can I calibrate the display?

Yes. The Shogun AV-19 supports calibration using a third-party probe, for example Calibrite Display Pro or Display Plus on PC/Mac with Atomos LANC cable (ATOMCAB018, sold separately).

Does it support LUTs?

Yes. Shogun AV-19 can receive a LOG signal from the camera and apply a real-time LUT (Look-Up Table) preview that approximates what the final graded image will look like in Rec.709.

Custom LUTs (.cube files) can be loaded from a CFexpress card and used in conjunction with Shogun AV-19's built-in monitoring tools for precise exposure control.

What can the function buttons on the front panel be used for?

Up to six frequently-used features - for example any of the monitoring tools, playback modes, LUTs, anamorphic desqueeze etc. - can be accessed at the touch of a button, without having to go through the touchscreen menu. They turn the Shogun AV-19 into a professional control surface, optimized for speed, reliability, and personalized workflows in real production conditions.

How tall is the monitor?
Shogun AV-19 is 7RU (rack units) high.

Does it come with a flight case?
No, the flight case is an optional purchase.

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What's in the box

Shogun AV-19 monitor-recorder-switcher, 4-pin XLR PSU, 5 x international IEC power cables, rack nuts & bolts (x10), screen cloth, Quick Start Guide

MSRP pricing

EUR 1,899 ex sales tax
ROW USD 1,999 ex sales tax
US USD $2,099 (ex sales tax, **including** tariff)
GBP £1,699 ex VAT
AUD 3,299 ex GST

SKU

ATOMSHGAV1

Shipping

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If you have any questions please reach out to:

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