



# Z 6 ESSENTIAL MOVIE KIT

MORE FREEDOM  
TO CREATE

Whether you're a pro or just starting out, the Nikon Z 6 Essential Movie Kit gives you the core tools you need to take your video content to the next level. With a base this strong and flexible, where you go next is anywhere you want.

## FEATURES

### Nikon Z 6. For movies.

The Nikon Z 6 offers ultra-high-quality video at any frame rate. It delivers exquisite 4K footage oversampled from 6K with full-pixel readout. In-camera five-axis optical Vibration Reduction works together with electronic VR for rock-steady shots. And Atomos open protocol is supported to enable seamless integration of the included Atomos Ninja V.<sup>1</sup>

### NIKKOR lenses

With the FTZ Mount Adapter attached to your Z 6 camera, you're free to use F-mount NIKKOR lenses. There's no loss of image quality. Plus non-VR lenses will find new levels of sharpness with in-camera VR.

### Cine lenses

The Z 6 camera's wide Z mount, and short distance between mount and sensor, mean you can use a wide range of cine lenses. From your favourite prime to the zoom recommended in class. All you need is the right mount adapter.<sup>2</sup>

### Atomos Ninja V

Benefit from flexible monitoring and recording in edit-ready ProRes and DNxHR formats. Record in 4K 10-bit with N-log. Or simultaneously record uncompressed 8-bit 4K/UHD movie files to the memory card and the Atomos. A power adapter is included, as is a caddy for your hard drive.

### Camera cage

This camera cage and top-mounting grip handle feature mounting holes in two sizes, and holes for locating Arri-compatible extension blocks. The grip ensures steadier moving shots so you can sweep and track with ease.

### Quick release

Switch rapidly between shooting scenarios. The SmallRig camera cage boasts a built-in Manfrot-to-compatible quick-release system, so you can transfer to and from tripods or monopods in seconds.

### Rock steady

Mount your Atomos Ninja V to the camera cage with the magic arm clamp. Adjust the twin ballhead screw clamps for rock-steady monitoring at any angle. A central wingnut locks and releases the whole arm.

### Keep shooting

Never stop creating. 2x 5200 mAh batteries and a fast charger keep your Atomos running on even the longest shoot. An additional EN-EL15b battery ensures your Z 6 is always ready for the next take.

<sup>1</sup>NINJA, ATOMOS are registered trademarks of ATOMOS. <sup>2</sup>Adapters are available from third-party suppliers.

\*This kit does not include a lens or a hard drive.

## INCLUDED COMPONENTS



NIKON Z6  
CAMERA



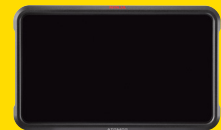
FTZ MOUNT  
ADAPTER



NIKON EN-EN-EL15B  
BATTERIES



HDMI CABLE



ATOMOS NINJA V



5200 MAH BATTERIES  
+ ATOMOS FAST  
CHARGER



CAMERA CAGE  
+ QUICK  
RELEASE



MAGIC ARM CLAMP + ROSETTE  
ADAPTER

CAPTURE TOMORROW



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# TECHNICAL SPECIFICATIONS Z 6 MOVIE KIT

## IMAGE SENSOR DATA

Image Sensor	CMOS, 35.9×23.9mm (Nikon FX format)
Effective Pixels	24.5 million
Total Pixels	25.28 million
Recording area (pixels)	6048 × 4024 (6048 × 3400 in 16:9 full-sensor width video mode)
Multi-area-mode (crop factor vs 35mm equivalent)	Full sensor width; DX crop (approx 1.5×, Super 35mm)

## VIDEO RECORDING

Output Resolution and Frame Rates*	3840 × 2160 (4K UHD) @ 30p, 25p, 24p; 1920 × 1080 @ 120p, 100p, 60p, 50p, 30p, 25p, 24p; 1920 × 1080 (slow motion) @ 30px4, 25px4, 24×5; all available for in- and external recording.electronic front-curtain shutter; electronic shutter.
Recording Format	MOV, MP4 (H.264/MPEG4)
Sampling Rate	4 : 2 : 0 @ 8 bit recording; 4 : 2 : 2 @ 10 bit N-Log recording via HDMI out**; 4 : 2 : 2 @ 10 bit (no Log) recording via HDMI out**; 4 : 4 : 4 @ 12 bit RAW-out via HDMI*** High-speed continuous (extended): 12 fps (14-bit NEF/RAW: 9 fps)
Video Bandwidth	144 Mbps for all 3840 × 2160 frame rates and 1920 × 1080 @ 120p & 100p; 56 Mbps for 1920 × 1080 @ 60p & 50p; 28 Mbps for 1920 × 1080 @30p, 25p, 24p; 36 Mbps for 1920 × 1080 slow-motion @ 30p & 25p; 29 Mbps for 1920 × 1080 slow-motion @ 24p
Maximum video length	29 min. 59 s for all standard output resolutions; 3min. for 1920 × 1080 slow-motion. “Quick” Movie Shooting Menu, Index marking, In-camera time-lapse recording, Time-code recording with or without drop frames, Focus peaking, Movie Live View, Highlight display “Zebra pattern”, Wind noise reduction, Picture Control.
White Balance	Auto (2 types), incandescent, fluorescent (7 types), direct sunlight, flash, cloudy, shade, incandescent preset manual (up to 6 values can be stored, Spot White Balance measurement available during live view), choose color temperature (2500 K to 10000 K); all with fine-tuning.
Custom WB Setting	yes

## AUDIO RECORDING

Audio recording	Ibult-in stereo or external microphone with attenuator option, sensitivity adjustable.
Audio in- / output	Input: Stereo mini-pin jack (3.5 mm diameter, plug-in power supported); Output: Stereo mini-pin jack (3.5 mm diameter)
Internal Audio Recording	Linear PCM, AAC, 48kHz sampling frequency
Impedance Audio Port	2.2 kΩ at external microphone port

## STORAGE

Memory card	1 slot, XQD or Cfexpress Type B after firmware update
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## INTERFACES

Data ports	Type C connector (SuperSpeed USB); Type C HDMI connector; Accessory terminal; 2× Stereo 3.5 mm mini-pin jack for audio in & out.
Tripod socket	1/4" (ISO1222)

\* Actual frame rate values listed as 120p, 60p, 30p, and 24 p are respectively 119.88 fps, 59.94 fps, 29.97 fps and 23.976 fps

\*\* Requires compatible external recorder, e.g. Atomos Ninja V

\*\*\* Requires firmwareupdate version 2.0 or later. RAW-out is a feature to be activated via Nikon service points against fee. Requires compatible external recorder, e.g. Atomos Ninja V. RAW-out is recorded in Apple ProResRAW



CAPTURE TOMORROW

Z 6

