

Technical Specifications

Disclaimer: All product features and technical specifications stated are subjected to Z CAM's sole interpretation and explanation.
Specifications are subject to change without notice.

Camera Features

Sensor Type	4/3" CMOS Sensor
Sensor Size	17.56 x 13.11mm
Effective Pixels	16.83M
Dynamic Range	11.5 Stops (Z-Log2)
Lens Mount	Micro Four Thirds
Microphone	Built-in Stereo Microphone
Recording Resolution & Frame Rate	3840 x 2160 @ 29.97 / 25 / 24 / 23.98 fps 2880 x 2880 @ 29.97 / 25 / 24 / 23.98 fps 1920 x 1080 @ 59.97 / 50 / 29.97 / 25 / 24 / 23.98 fps DCI 4K
Color Bit Depth	10-bit (H.265) / 8-bit (H.264)
Video Encoder *	ProRes, H.265 main 10 profile / H.264 high profile
Audio Format	16-bit 48 kHz
Audio Encoder	AAC / PCM (for MOV only)
File Format	MOV / MP4
Record Mode	Video / Time Lapse Video

Settings

ISO	Auto, Manual (800 ~ 25600)
Shutter	Shutter Speed: Auto, Manual (up to 1/8000") or Shutter Angle: Auto, Manual (1° ~ 360°)
White Balance	Auto, Preset, Manual (2300K ~ 7500K)
Focus Mode	MF / AF / CAF
Image	Brightness / Contrast / Saturation / Sharpness

Storage

Media	SDXC Class 10 SD card. Recommend to use UHS-I Speed Class 3 (U3) ones for 4K video recording
File System	exFAT
Connectivity	
HDMI	HDMI 2.0 Type A
USB	USB 3.0 Type C for camera control & data transfer only
Remote Control	2.5 mm jack socket (Sony LANC compatible)
Audio-in	3.5 mm stereo jack socket for active microphone only
Audio-out	3.5 mm stereo jack socket
Wi-Fi	802.11n, 2.4G with external antenna port
Ethernet	Gigabit Ethernet port, POE supported

Power

Battery	Canon LP-E6 compatible (Battery not included)
External Power Supply	DC 12V/1.5~5A, with power cable with D-TAP plug & D-TAP/DC connector (AC/DC adapter not included)
Power Over Ethernet (POE)	802.3at/af compatible, need CAT5E or above Ethernet cable

Physical

Material	Aluminum Alloy
Weight	668 g (without lens)
Dimensions (W x H x D)	91.2 mm x 83.9 mm x 89.1 mm (without lens)

Environment

Storage Temperature

LUT	Rec.709 / Z-Log2 / FLAT / HLG		-20 °C ~ 60 °C
Audio	Audio In / Audio Out Level	Operation Temperature	0 °C ~ 40 °C
Time Code	Current Time / Manual Input		

* Apple ProRes will be supported via firmware update after the certification program.