

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

| | |
|--------------------------------------|----------------------------|
| Camera model | Sensor Type |
| Z CAM E2N | 4/3" CMOS sensor |
| Effective Pixels | Dynamic Range |
| 10.71 mega pixels | 11.5 Stops |
| Lens Mount | Microphone |
| Micro Four Thirds (with Active Lock) | Built-in Stereo Microphone |

Recording

| | |
|--|---|
| Recording Resolution | Recording Frame Rate |
| 4K, 3696x2772, 1080p | 4K @ 23.98 / 24 / 25 / 29.97 / 50 / 59.94fps 3696x2772 @ 23.98 / 24 / 25 / 29.97fps 1080p @ 23.98 / 24 / 25 / 29.97 / 50 / 59.94 / 120 / 240fps |
| Streaming Resolution | Streaming Frame Rate |
| 4K, 3696x2772, 1080p | 23.98 / 24 / 25 / 29.97 / 50 / 59.94 23.98 / 24 / 25 / 29.97 / 50 / 59.94 / 120 |
| Color Bit-depth | Video Encoder |
| 8-bit | H.265 / H.264 |
| Streaming Protocol | Audio Format |
| NDI_HX3, SSP | 16-bit 48 kHz |
| Audio Encoder | File Format |
| AAC / PCM (for MOV only) | MOV / MP4 |
| Record Mode | |
| Video / Time Lapse Video / Still Image Capture | |

Settings

| | |
|---|--|
| ISO | Shutter |
| Auto, Manual (500 ~ 102400), Native ISO: 500 / 2500 | Shutter Speed: Auto, Manual (1" ~ 1/8000") or Shutter Angle: Auto, |

Manual (1° ~ 360°)

White Balance

Auto, Preset, Manual (2300K ~ 7500K)

Focus Mode

MF / AF / CAF

Image Profile

Rec.709 / Concert / Vivi 0 / Vivi 1 / Vivi 2

Audio

Audio In / Out Level

Time Code

Current Time / Manual Input

Storage

Recording Media

SDXC Class 10 SD card, recommend to use UHS-I Speed Class 3 (U3) type for 4K recording

File System

exFAT

Connectivity

HDMI

HDMI 2.0 Type A, up to 4K 60fps

USB

USB 3.0 Type C

Audio-in

3.5 mm stereo jack socket

Audio-out

3.5 mm stereo jack socket

Wi-Fi

5G band, 802.11ac, external antenna port

Ethernet

Gigabit Ethernet port

Power

Power Input

DC 12V 5A (2-pin LEMO socket), PoE+ (IEEE 802.3 at)

Battery

LP-E6 series compatible (Battery not included)

Physical

Weight

660g (without lens)

Dimensions (HxWxL)

85.3 x 91 x 86mm (without lens)

Environment

Storage Temperature

-20 °C ~ 60 °C

Operation Temperature

0 °C ~ 40 °C