

Camera

Sensor Type

4/3" CMOS Sensor

Sensor Size

19.0 x 13.0 mm (Diagonal 21.63mm)

Effective Pixels

10.71M

Dynamic Range

13~15 Stops (Z-Log2) / 16 Stops (with WDR activated)

Lens Mount

MFT Mount w/active lock (interchangeable)

Microphone

Built-in Stereo Microphone

Recording

Resolution & Max Frame Rate

- 30fps max @ C4K Low Noise (4096x2160)
- 120fps max @ C4K (4096x2160)
- 150fps max @ C4K 2.4:1 (4096x1728)
- 30fps max @ 4K Low Noise (3840x2160)
- 120fps max @ 4K (3840x2160)
- 160fps max @ 4K 2.4:1 (3840x2160)
- 30fps max @ 3696x2772 Low Noise
- 60fps max @ 3696x2772
- 60fps max @ 3312x2760
- 170fps max @ S16 16:9 (2752x1548)
- 160fps max @ S16 (2704x1600)
- 240fps max @ 1920x1080

Video Encoder

H.264 / H.265 / ProRes 422 Proxy / ProRes 422 LT / ProRes 422 / ProRes 422 HQ / ZRAW*

RAW over HDMI

ProRes RAW (using Atomos Ninja V); BRAW (using BMD VideoAssist)

Color Bit-depth

10-bit 4:2:0 (H.265) / 8-bit 4:2:0 (H.264)

Audio Format

16-bit 48 kHz

Audio Encoder

AAC / PCM (for MOV only)

File Format

MOV / MP4

Record Mode

Video / Time Lapse Video / Still Image Capture

Settings

ISO

Auto, Manual (500 ~ 102400), Dual Native ISO: 500 / 2500

Shutter

Shutter Speed: Auto, Manual (1"~ 1/8000") Shutter Angle: Auto, Manual (1° ~ 360°)

White Balance

Auto, Preset, Manual (2300K ~ 30000K)

Focus Mode

MF / AF / CAF

Image

Brightness / Contrast / Saturation / Sharpness /
Gamma Setting

Image Config

Rec.709, Z-Log2, Flat, Concert, Vivid 0, Vivid 1, Vivid 2, HLG, Gamma

Time Code

Current Time / Manual Input / External Input

Storage

Storage Media

CF Express Type B

File System:

exFAT

Connectivity

HDMI

HDMI 2.0 Type A (up to 4K DCI 60p, 10-bit 4:2:2)

SDI

3G-SDI

Timecode In

LTC Timecode Input via BNC

Genlock

BB/Tri-Level Genlock Input via BNC

USB

USB 3.0 Type C for camera control & data transfer only

Remote Port

2.5 mm jack socket (Sony LANC compatible)

Audio In

3.5 mm stereo jack socket (TRS) or 5-pin LEMO port for dual channel XLR microphone (require additional XLR audio connector)

Audio Out

3.5 mm stereo jack socket

Wi-Fi

5G, up to 802.11n, external antenna port

CTRL

Serial port

Ethernet

Gigabit Ethernet port

Power

Battery

Mini V-Lock 14.8V (Battery not included)

Power Input

DC 12~18V (2-pin LEMO socket) / PoE+ (802.3at)

Power Output (AUX)

DC 12V 2A (2-pin LEMO socket)

Power Consumption

50W maximum, not inclusive of AUX power consumption

Physical

Camera Body

Aluminum Alloy

Weight - Camera (w/o Lens)

1.06 kg (with MFT mount)

Weight - Full Package

1.40kg

Dimensions (HxWxL) - Camera

105 x 98 x 116 mm / 4.13 x 3.86 x 4.57 inch (MFT mount)

Dimensions (HxWxL) - Package

145 x 195 x 162 mm / 5.71 x 7.68 x 6.38 inch

Environment

Storage Temperature

-20 °C ~ 60 °C

Operation Temperature

0 °C ~ 40 °C