

General

LENS MOUNT

E-mount

Size & Weight

WEIGHT (MAIN UNIT ONLY) (APPROX.)

Approx. 10 lb 2.3 oz (4.6 kg) (body only)

DIMENSIONS (W X H X D) (BODY WITHOUT PROTRUSIONS) (APPROX.)

Approx. 8.94 x 11.38 x 9.17 inch (227 x 289 x 233 mm) (body without protrusions)

Power

POWER CONSUMPTION

≤ 80 W (DC 19.5 V) / ≤ 71.3 W (PoE++)

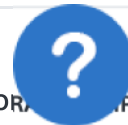
POWER REQUIREMENTS

DC 19.5 V, PoE++ (IEEE802.3bt Type 4 Class 8 compliant) 41.1–57.0 V

Operation

TALLY LAMP

Left (x1)/Right (x1), Red/Green



STORAGE TEMPERATURE

-4 °F to +140 °F (-20 °C to +60 °C)

Recording Format (Video)

XAVC INTRA

XAVC-I DCI4K 59.94p mode: VBR, MAX bit rate 600 Mbps, MPEG-4 AVC/H.264, XAVC-I DCI4K 50p mode: VBR, MAX bit rate 500 Mbps, MPEG-4 AVC/H.264, XAVC-I DCI4K 29.97p mode: VBR, MAX bit rate 300 Mbps, MPEG-4 AVC/H.264, XAVC-I DCI4K 25p mode: VBR, MAX bit rate 250 Mbps, MPEG-4 AVC/H.264, XAVC-I DCI4K 24p mode: VBR, MAX bit rate 240 Mbps, MPEG-4 AVC/H.264, XAVC-I DCI4K 23.98p mode: VBR, MAX bit rate 240 Mbps, MPEG-4 AVC/H.264, XAVC-I QFHD 59.94p mode: VBR, MAX bit rate 600 Mbps, MPEG-4 AVC/H.264, XAVC-I QFHD 50p mode: VBR, MAX bit rate 500 Mbps, MPEG-4 AVC/H.264, XAVC-I QFHD 29.97p mode: VBR, MAX bit rate 300 Mbps, MPEG-4 AVC/H.264, XAVC-I QFHD 25p mode: VBR, MAX bit rate 250 Mbps, MPEG-4 AVC/H.264, XAVC-I QFHD 23.98p mode: VBR, MAX bit rate 240 Mbps, MPEG-4 AVC/H.264, XAVC-I HD 59.94p mode: CBG, MAX bit rate 222 Mbps, MPEG-4 AVC/H.264, XAVC-I HD 50p mode: CBG, MAX bit rate 223 Mbps, MPEG-4 AVC/H.264, XAVC-I HD 29.97p mode: CBG, MAX bit rate 111 Mbps, MPEG-4 AVC/H.264, XAVC-I HD 25p mode: CBG, MAX bit rate 112 Mbps, MPEG-4 AVC/H.264

XAVC LONG

XAVC-L QFHD 29.97p/25p/23.98p mode: VBR, MAX bit rate 100 Mbps, MPEG-4 H.264/AVC, XAVC-L QFHD 59.94p/50p mode: VBR, MAX bit rate 150 Mbps, MPEG-4 H.264/AVC, XAVC-L HD 29.97p/25p/23.98p/59.94p/50p mode: VBR, MAX bit rate 50 Mbps, MPEG-4 H.264/AVC, XAVC-L HD 29.97p/25p/23.98p/59.94p/50p mode: VBR, MAX bit rate 35 Mbps, MPEG-4 H.264/AVC



Recording Format (Audio)

RECORDING FORMAT (AUDIO)

LPCM 24 bits, 48 kHz, 4 channels

Recording Frame Rate

XAVC INTRA

XAVC-I DCI4K mode: 4096 x
2160/59.94p, 50p, 29.97p, 23.98p,
25p, 24p, XAVC-I QFHD mode: 3840 x
2160/59.94p, 50P, 29.97p, 23.98p,
25p, XAVC-I HD mode: 1920 x
1080/59.94p, 50p, 29.97p, 23.98p, 25p

XAVC LONG

XAVC-L QFHD mode: 3840 x
2160/59.94p, 50p, 29.97p, 23.98p,
25p, XAVC-L HD 50 mode: 1920 x
1080/59.94p, 50p, 29.97p, 23.98p,
25p, XAVC-L HD 35 mode: 1920 x
1080/59.94p, 50p, 29.97p, 23.98p, 25p

Recording/ Playback Time

PROXY AUDIO

XAVC Proxy: AAC-LC, 128 kbps, 2
channels

XAVC LONG

XAVC-L QFHD 29.97p/25p/23.98p
When using CEA-G160T (160 GB):
Approx. 170 minutes When using CEA-
G80T (80 GB) Approx. 86 minutes,
XAVC-L QFHD 59.94p/50p When
using CEA-G160T (160 GB): Approx.
115 minutes When using CEA-G80T
(80 GB) Approx. 57 minutes, XAVC-L

PROXY VIDEO

XAVC Proxy: AVC/H.264 High Profile
4:2:0 Long GOP, VBR 1920 x 1080, 9
Mbps

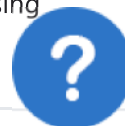
XAVC INTRA

XAVC-I DCI4K/QFHD 59.94p When
using CEA-G160T (160 GB) Approx. 30
minutes When using CEA-G80T (80
GB) Approx. 15 minutes, XAVC-I
DCI4K/HD 50p When using CEA-
G160T (160 GB) Approx. 36 minutes
When using CEA-G80T (80 GB)



Approx. 320 minutes When using
CEA-G80T (80 GB) Approx. 155
minutes, XAVC-L HD 35
29.97p/25p/23.98p/59.94p/50p
When using CEA-G160T (160 GB):
Approx. 430 minutes When using
CEA-G80T (80 GB) Approx. 210
minutes

When using CEA-G80T (80 GB)
Approx. 29 minutes, XAVC-I
DCI4K/QFHD 25p When using CEA-
G160T (160 GB): Approx. 71 minutes
When using CEA-G80T (80 GB)
Approx. 35 minutes, XAVC-I DCI4K 24p
When using CEA-G160T (160 GB):
Approx. 74 minutes When using CEA-
G80T (80 GB) Approx. 36 minutes,
XAVC-I DCI4K/QFHD 23.98p When
using CEA-G160T (160 GB): Approx. 74
minutes When using CEA-G80T (80
GB) Approx. 36 minutes, XAVC-I HD
59.94p When using CEA-G160T (160
GB): Approx. 78 minutes When using
CEA-G80T (80 GB) Approx. 38
minutes, XAVC-I HD 50p When using
CEA-G160T (160 GB): Approx. 78
minutes When using CEA-G80T (80
GB) Approx. 38 minutes, XAVC-I HD
29.97p When using CEA-G160T (160
GB): Approx. 150 minutes When using
CEA-G80T (80 GB) Approx. 74
minutes, XAVC-I HD 25p When using
CEA-G160T (160 GB): Approx. 150
minutes When using CEA-G80T (80
GB) Approx. 74 minutes, XAVC-I HD
23.98p When using CEA-G160T (160
GB): Approx. 185 minutes When using
CEA-G80T (80 GB) Approx. 91
minutes,



SENSITIVITY

ISO 800/12800 (Cine EI mode, D55
Light source)

SENSOR TYPE

35 mm full frame (35.6 x 23.8 mm),
Exmor R CMOS sensor

PIXELS

Approx. 12.9 megapixels (total),
Approx. 10.3 megapixels (effective)

Slow & Quick Motion**XAVC-I**

4096 x 2160: 1 to 60 frames
(59.94/50/29.97/25/24/23.98)

XAVC-I/L

3840 x 2160: 1 to 60, 100, 120 frames
(59.94/50/29.97/25/23.98), 1920 x
1080: 1 to 60, 100, 120, 150, 180, 200,
240 frames (59.94/50/29.97/25/23.98)

White Balance**WHITE-BALANCE MODES**

Preset, Memory A (2,000K–
15,000K)/ATW

Exposure**GAIN CONTROL**

–3 to 30 dB (every 1 dB), AGC

Gamma**GAMMA CURVE**

SDR Mode: S-Cinetone, Standard, Still,
ITU709, 709 tone¹/HDR mode:



Latitude

LATITUDE

15+ stop

Focus System

FOCUS AREA

Wide / Zone / Flexible Spot

FOCUS POINT

627 points

TYPE

Fast Hybrid AF (phase-detection AF / contrast-detection AF)

OTHER FOCUS FEATURES

Eye AF (Human), Real-time Tracking AF, AF Subj. Shift Sensitivity, AF Transition Speed, Face detection (Face/Eye Priority, Face/Eye Only AF)

Pan/Tilt

PAN/TILT ANGLE

Pan: -170 deg. to 170 deg., Tilt: -30 deg. to 195 deg.,

PAN/TILT OPERATION NOISE

NC35 or less

PAN/TILT SPEED

Pan: 0.02 deg. to 60 deg./s, Tilt: 0.02 deg. to 60 deg./s

Other Features

CLEAR IMAGE ZOOM

QFHD/4K: 1.5x, HD: 2x

PAN/TILT/ZOOM SYNC

Yes¹

PRESET POSITION

100



PAN/TILT/ZOOM TRACE

16¹

WebAPP

SUPPORTED WEB BROWSERS

Windows: Google Chrome, Mac:
Google Chrome/Safari, iPad: Google
Chrome/Safari, Android: Google
Chrome

SUPPORTED OPERATION SYSTEMS

Windows 10 or later, macOS 10.15 or
later, iPadOS 15 or later, Android 12 or
later

Interface

GENLOCK INPUT

BNC (x1), 1.0 V_{p-p}, 75 Ω

IR REMOTE CONTROL

Yes

TC INPUT/TC OUTPUT

BNC (x1), TC IN only

REMOTE

RJ-45(OPTION) (x1), Red Tally
IO/Green Tally IO, 3rd-party lens
controllers IO¹

NETWORK

RJ-45 (LAN) (x1), 1000BASE-T

OPTICAL OUTPUT

SFP+ compliant²

DC INPUT

DC jack (x1)

SDI OUTPUT

BNC (x1), 12G-SDI, 6G-SDI, 3G-SDI
(Level A/B), HD-SDI

AUDIO INPUT

XLR-type 5-pin (female) (x1)
line/mic/mic +48 V selectable, Mic
Reference: -30 to -80 dBu

HDMI OUTPUT

Type-A connector (x1)

Output Format

SDI

4096 x 2160: 59.94p, 50p, 29.97p, 25p,
24p, 23.98p / 3840 x 2160: 59.94p,



HDMI

4096 x 2160: 59.94p, 50p, 29.97p, 25p,
24p, 23.98p / 3840 x 2160: 59.94p,

1080: 59.94p, 50p, 59.94i, 50i, 29.97p,
25p, 24p, 23.98p, 29.97PsF, 25PsF

25p, 24p, 23.98p / 720 x 480: 59.94p /
720 x 576: 50p

Media

MEDIA TYPE

CFexpress Type A / SD card (x2)

Network/IP Streaming

VIDEO RESOLUTION

4096 x 2160, 3840 x 2160, 2048 x
1080, 1920 x 1080, 1280 x 720, 640 x
360

MAXIMUM FRAME RATE

H.264/H.265: 59.94fps

CAMERA TRACKING DATA

free-d Type D0/D1¹

PROTOCOLS (IPV6)

TCP, UDP, ICMPv6, HTTP, HTTPS,
DHCPv6, DNS, mDNS, RTP/RTCP,
RTSP, SRT, FTP, FTPS

BITRATE SETTING

512 Kbps–80 Mbps

NDI|HX CAPABILITY

Yes, optional³

COMPRESSION FORMAT

H.264: High/Main/Baseline Profile,
H.265: Main/Main10 Profile

BITRATE CONTROL MODE

CBR/VBR

PROTOCOLS (IPV4)

TCP, UDP, ARP, ICMP, HTTP, HTTPS,
DHCP, DNS, mDNS, RTP/RTCP, RTSP,
VISCA over IP, SRT, NDI|HX, FTP, FTPS,
S700PTP⁴, RTMP¹, RTMPS¹



Accessibility

SCREEN READER