

FULL SPECIFICATIONS & FEATURES

General	<p>LENS MOUNT</p> <p>E-mount</p>	
Size & Weight	<p>WEIGHT (MAIN UNIT ONLY) (APPROX.)</p> <p>Approx. 4.6 kg (10 lb 2.3 oz.) (body only)</p>	<p>DIMENSIONS (W X H X D) (BODY WITHOUT PROTRUSIONS) (APPROX.)</p> <p>Approx. 227 x 289 x 233 mm (9 x 11 1/2 x 9 1/4 inch) (body without protrusions)</p>
Power	<p>POWER REQUIREMENTS</p> <p>DC 19.5 V, PoE++ (IEEE802.3bt Type 4 Class 8 compliant) 41.1 V ~ 57.0 V</p>	<p>POWER CONSUMPTION</p> <p>≤80 W (DC 19.5 V) / ≤71.3 W (PoE++)</p>
Operation	<p>OPERATING TEMPERATURE</p> <p>0 °C to 40 °C (32 °F to 104 °F)</p> <p>STORAGE TEMPERATURE</p> <p>-20 °C to +60 °C (-4 °F to +140 °F)</p>	<p>CEILING MOUNT</p> <p>Yes (with Ceiling Bracket option)</p> <p>TALLY LAMP</p> <p>Left (x1)/Right (x1), Red/Green</p>
Recording Format(Video)	<p>XAVC INTRA</p> <p>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, MP EG-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-I HD 23.98p mode:CBG, MAX bit rate 89 Mbps, MPEG-4 AVC/H.264</p>	<p>XAVC LONG</p> <p>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</p>
Recording Format (Audio)	<p>RECORDING FORMAT (AUDIO)</p> <p>LPCM 24 bits, 48 kHz, 4 channels</p>	
Recording Frame Rate	<p>XAVC INTRA</p> <p>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</p>	<p>XAVC LONG</p> <p>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</p>

Recording/Playback Time	<p>XAVC INTRA</p> <p>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/QFHD 50p When using CEA-G160T (160 GB) Approx. 36 minutes When using CEA-G80T (80 GB) Approx. 17 minutes, XAVC-I DCI4K/QFHD 29.97p When using CEA-G160T (160 GB): Approx. 60 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,</p> <p>XAVC LONG</p> <p>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 HD 50/29.97p/25p/23.98p/59.94p/50p When using CEA-G160T (160 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</p>	<p>PROXY AUDIO</p> <p>XAVC Proxy: AAC-LC, 128 kbps, 2 channels</p> <p>PROXY VIDEO</p> <p>XAVC Proxy: AVC/H.264 High Profile 4:2:0 Long GOP, VBR 1920 x 1080, 9 Mbps</p>
Camera Section	<p>SENSOR TYPE</p> <p>35mm full frame (35.6 x 23.8 mm), Exmor R CMOS sensor</p> <p>PIXELS</p> <p>Approx. 12.9 megapixels (total), Approx. 10.3 megapixels (effective)</p> <p>BUILT-IN OPTICAL FILTERS</p> <p>Clear, linear variable ND (1/4ND to 1/128ND)</p>	<p>SENSITIVITY</p> <p>ISO 800/12800 (Cine EI mode, D55 Light source)</p> <p>SHUTTER SPEED</p> <p>64 frame to 1/8000 sec.</p>
Slow & Quick Motion	<p>XAVC-I</p> <p>4096 x 2160: 1 to 60 frames (59.94/50/29.97/25/24/23.98)</p>	<p>XAVC-I/L</p> <p>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)</p>
White Balance	<p>WHITE BALANCE MODES</p> <p>Preset, Memory A (2000K-15000K)/ATW</p>	
Exposure	<p>GAIN CONTROL</p> <p>-3 to 30 dB (every 1dB), AGC</p>	
Gamma	<p>GAMMA CURVE</p> <p>SDR Mode: S-Cinetone, Standard, Still, ITU709 / HDR mode : HLG_Live, HLG_Natural</p>	
Latitude	<p>LATITUDE</p> <p>15+ stop</p>	
Focus System	<p>TYPE</p> <p>Fast Hybrid AF (phase-detection AF / contrast-detection AF)</p> <p>FOCUS POINT</p> <p>627 points</p>	<p>FOCUS AREA</p> <p>Wide / Zone / Flexible Spot</p> <p>OTHER FOCUS FEATURES</p> <p>Eye AF (Human), Real-time Tracking AF, AF Subj. Shift Sensitivity, AF Transition Speed, Face detection (Face/Eye Priority, Face/Eye Only AF)</p>
Pan/Tilt	<p>PAN/TILT ANGLE</p> <p>Pan: -170 deg.-170 deg., Tilt: -30 deg.-195 deg.,</p> <p>PAN/TILT SPEED</p> <p>Pan: 0.02 deg.-60 deg./s, Tilt: 0.02deg.-60 deg./s</p>	<p>PAN/TILT OPERATION NOISE</p> <p>NC35 or less</p>

Other Features	PRESET POSITION 100	CLEAR IMAGE ZOOM QFHD/4K: 1.5x, HD: 2x
WebAPP	SUPPORTED OPERATION SYSTEMS Windows 10 or later, macOS 10.15 or later, iPadOS 15 or later, Android 12 or later	SUPPORTED WEB BROWSERS Windows: Google Chrome, Mac: Google Chrome/Safari, iPad: Google Chrome/Safari, Android: Google Chrome
Interface	TC INPUT/TC OUTPUT BNC (x1), TC IN only AUDIO INPUT XLR-type 5-pin (female) (x1) line/mic/mic +48 V selectable, Mic Reference: -30 to -80 dBu SDI OUTPUT BNC (x1), 12G-SDI, 6G-SDI, 3G-SDI(Level A/B), HD-SDI DC INPUT DC jack (x1) HDMI OUTPUT Type-A connector (x1)	REMOTE RJ-45(OPTION) (x1), Red Tally IO/Green Tally IO GENLOCK INPUT BNC (x1), 1.0 Vp-p, 75 Ω OPTICAL OUTPUT SFP+ compliant ¹ NETWORK RJ-45(LAN) (x1), 1000BASE-T IR REMOTE CONTROL Yes
Output Format	SDI 4096 x 2160: 59.94p, 50p, 29.97p, 25p, 24p, 23.98p / 3840 x 2160: 59.94p, 50p, 29.97p, 25p, 23.98p / 1920 x 1080 : 59.94p, 50p, 59.94i, 50i, 29.97p, 25p, 24p, 23.98p, 29.97PsF, 25PsF	HDMI 4096 x 2160: 59.94p, 50p, 29.97p, 25p, 24p, 23.98p / 3840 x 2160: 59.94p, 50p, 29.97p, 25p, 23.98p / 1920 x 1080: 59.94p, 50p, 59.94i, 50i, 29.97p, 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	PROTOCOLS (IPV6) TCP, UDP, ICMPv6, HTTP, HTTPS, DHCPv6, DNS, mDNS, RTP/RTCP, RTSP, SRT, FTP, FTPS PROTOCOLS (IPV4) TCP, UDP, ARP, ICMP, HTTP, HTTPS, DHCP, DNS, mDNS, RTP/RTCP, RTSP, VLS over IP, SRT, NDI HX, FTP, FTPS VIDEO RESOLUTION 4096 x 2160, 3840 x 2160, 2048 x 1080, 1920 x 1080, 1280 x 720, 640 x 360 COMPRESSION FORMAT H.264: High/Main/Baseline Profile, H.265: Main/Main10 Profile	MAXIMUM FRAME RATE H.264/H.265: 59.94fps BITRATE CONTROL MODE CBR/VBR BITRATE SETTING 512 Kbps-80 Mbps NDI HX CAPABILITY Yes, optional ²
Supplied Accessories	SUPPLIED ACCESSORIES Body cap, HDMI cable fixing plate, REMOTE COMMANDER (RMT-RC1), AC Adaptor, Power cord, Before Using This Unit, Warranty booklet	