

Q8n-4K Handy Video Recorder Specifications

Image sensor		1/2.3" 16 M-pixel CMOS sensor
Lens		F 2.8, 150° FOV
Video format		MPEG-4 AVC/H.264 (MOV)
Video resolutions		4K/30, 25, 24 fps 1080/60, 50, 30, 25, 24 fps 720/60, 50, 30, 25, 24 fps
Audio formats		WAV: 96 kHz/24-bit, 16-bit 48 kHz/24-bit, 16-bit 44.1 kHz/24-bit, 16-bit
Audio functions		LoCut: Off / 80 Hz / 120 Hz / 160 Hz / 200 Hz / 240 Hz Fx: Off / Limiter / Compressor / Leveler / DeEsser / NoiseGate Level: $-\infty$ dB - +10 dB Pan: L100 - Center - R100 Delay: 0 ms, 10 ms ... 300 ms (only during web camera use) Direct Monitor: On/Off (only during web camera and USB mic use)
Image functions	FOV	5 steps
	SCENE	AUTO / INDOOR / OUTDOOR / NIGHT / CONCERT LIGHT
	Self timer	OFF / 3 sec / 5 sec / 10 sec
	BRIGHT	LOW / NORMAL / HIGH
Display		2.0" full-color LCD 320 × 240
Audio inputs	MIC	XY Mic: XYQ-8 (120° XY stereo mic) Maximum sound pressure: 120 dB SPL Input gain: $-\infty$ dB - 43 dB
	INPUT 1/2	Input connector: XLR Input gain (PAD OFF): $-\infty$ dB - 55 dB Input impedance : 1.8 k Ω or more Maximum permissible input level: +26 dBu (PAD ON) Phantom power: +12 V / +24 V / +48 V Equivalent input noise: -120 dBu or less
Output connectors		Combined line/headphone stereo mini jack HDMI micro Type D
Built-in speaker		300 mW 8 Ω mono speaker
Recording media		microSD / microSDHC / microSDXC (512 GB maximum)

USB	<p>USB Type-C < WEBCAM > Class: UVC 1.0 + UAC 1.0 Formats: 720 p, 1080 p WVGA video 48 kHz/16-bit audio stereo output < CARD READER > Class: USB Mass Storage < USB MIC > Class: UAC 1.0, Format: 44.1 kHz/16-bit 2-input/2-output Note: card reader and USB mic functions support iOS devices Note: supports USB bus power operation Note: Use USB cable that supports data transfer.</p>
REMOTE	ZOOM BTA-1 or other dedicated wireless adapter
Power	<p>Lithium-ion battery: DC 4.2 V maximum voltage, DC 3.7 V nominal voltage, 1600 mAh capacity AC adapter (ZOOM AD-17): DC 5 V/1 A</p>
Recharging times	<p>By USB 2.0 port: about 4 hours and 30 minutes By USB 3.0 port: about 3 hours Using ZOOM AD-17: about 3 hours</p>
Battery operation time	<p>4K/30: 1 hour and 20 minutes 1080/30: 2 hours and 30 minutes Note: Times when MOV mode, 48 kHz/24-bit, XYQ-8 connected, no XLR input, Power Saving enabled</p>
External dimensions	<p>Main unit (mic arm lowered): 159 mm (D) × 68 mm (W) × 65 mm (H) Main unit (mic arm raised) : 134 mm (D) × 68 mm (W) × 135 mm (H) Mic: 45 mm (D) × 66 mm (W) × 51 mm (H)</p>
Weight	367 g (including battery)