

# Q2n-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 p, 25 p, 24 p 1080: 60 p, 50 p, 30 p, 25 p, 24 p 720: 30 p, 25 p			
Audio formats	WAV: 96 kHz/24-bit, 48 kHz/24-bit, 44.1 kHz/16-bit			
Audio functions	<ul style="list-style-type: none"> <li>· LO CUT: OFF, 80 Hz, 120 Hz, 160 Hz</li> <li>· AUTO GAIN: OFF, CONCERT, SOLO, MEETING</li> <li>· DELAY: 0.0 F, 0.5 F–10.0 F (only during web camera use)</li> <li>· DIRECT MONITOR ON/OFF (only during USB mic use)</li> </ul>			
Image functions	<ul style="list-style-type: none"> <li>· FOV: WIDE · 0 · TELE (5 steps)</li> <li>· SCENE: AUTO, OUTDOOR, SUNSET, NIGHT, CONCERT LIGHT, JAZZ CLUB, DANCE CLUB, MONOCHROME, SEPIA, FILM, X-PROCESS, FLAT</li> </ul>			
Display	1.77" full-color LCD (160 × 128)			
Audio inputs	Mic	Fixed 120° XY stereo mic Maximum sound pressure: 120 dB SPL Input gain: $-\infty$ dB – +39 dB		
	Line	Input connector: stereo mini jack (supports plug-in power) Input gain: $-\infty$ dB – +39 dB 2 k $\Omega$ or higher input impedance Plug-in power (2.5 V) supported		
Output connector	Combined headphone/line stereo mini jack HDMI micro Type D			
Built-in speaker	300 mW 8 $\Omega$ mono speaker			
Recording media	microSD / microSDHC / microSDXC (256 GB maximum)			
USB	micro USB <u>WEBCAM</u> Class: UVC 1.0 + UAC 1.0 Formats: 720 p WVGA video 48 kHz/16-bit audio <u>CARD READER</u> Class: USB Mass Storage <u>USB MIC</u> Class: UAC 1.0 Format: 44.1 kHz/16-bit Note: card reader and USB mic functions support iOS devices			
Power	2 AA batteries : alkaline LR6 (1.5 V), nickel metal hydride HR6 (1.2 V) or lithium FR6 (1.5 V) AC adapter (ZOOM AD-17): DC 5 V/1 A Note: USB bus power supported			
Estimated continuous recording time using batteries	Video resolution	Alkaline LR6 (1.5 V)	Ni-MH HR6 (1.2 V)	Lithium FR6 (1.5 V)
	720/30 p	2.0 hours	3.0 hours	6.0 hours
	1080/30 p	1.2 hours	2.0 hours	4.0 hours
	4K/30 p	0.5 hours	1.0 hours	2.0 hours
Audio quality: 48 kHz/24-bit •The above values are approximate. • Continuous battery operation times were determined using in-house testing methods. They will vary greatly according to use conditions.				
External dimensions	Main unit (maximum dimensions): 58.7 mm (D) × 68.5 mm (W) × 83.0 mm (H)			
Weight (main unit only)	124 g			