



Handy Video Recorder Specifications

Recording media	SD/SDHC/SDXC cards (up to 128 GB)
Image sensor	1/3-inch 3-megapixel CMOS sensor
Lens	Fixed focus (36 cm – ∞), F2.0, focal distance about 16.6 mm (35 mm equivalent)
Video format	MPEG-4 AVC/H.264 (MOV)
Video resolutions	3M HD (2304×1296) 30fps, HD1080p 30fps, HD720p 60fps, HD720p 30fps, WVGA 60fps, WVGA 30fps
Audio formats	WAV (16/24-bit quantization, 44.1/48/96kHz sampling frequency) AAC (64–320kbps bit rate, 48kHz sampling frequency)
Audio functions	Low-cut filter (80Hz, 120Hz, 160Hz), dynamics control (Limiter, Compressor, Leveler)
Image functions	5-step digital zoom, scene selection (Auto/Concert Lighting/Night) Self timer (Off/3sec/5sec/10sec)
Display	2.7" wide full color LCD, Touch screen
L/R inputs	XY mic: XYQ-8 120° XY stereo format Maximum sound pressure input: 140 dBspl Input gain: –∞ to 52 dB Equivalent input noise: –120 dBu or less
INPUT 1/2	Input connectors: TRS/XLR combo jacks Input gain (PAD OFF): –∞ to 55 dB Input gain (PAD ON): –∞ to 35 dB Input impedance: 1.8 kΩ or more Maximum permissible input level: +22 dBu (PAD ON) Phantom power: +12/+24/+48V Equivalent input noise: –120 dBu or less
Output connector	Combined line/headphones stereo mini jack HDMI micro Type D
Built-in speaker	400mW 8Ω mono speaker
USB	Mini B type <Operation as mass storage> Class: USB2.0 High Speed <Operation as audio interface> Class: USB2.0 Full Speed Specifications: 44.1kHz sampling rate, 16-bit <Operation as webcam> Specifications: WVGA/720p video size, 48kHz 16-bit audio Note: Audio interface and mass storage operation with iPad is supported. Note: USB bus power supported
Power supply	Lithium-ion battery: DC 4.2V maximum voltage, DC 3.7V nominal voltage, 1700mAh capacity AC adapter (ZOOM AD-17, sold separately): DC 5V/1A
Recharging times	By USB: about 4 hours and 30 minutes, Using ZOOM AD-17: about 2 hours and 45 minutes
Battery operation time	Rated: about 3.5 hours (when recording 720p/30fps video with LCD closed) Actually use: about 2 hours (when recording 720p/30fps video with LCD opened and condenser mic connected to combo jack)
External dimensions	Main unit (maximum dimensions when arm lowered) 157.57 (length) × 47.8 (width) × 68.65 (height) mm Main unit (maximum dimensions when arm raised) 156.63 (length) × 47.8 (width) × 118.54 (height) mm 300 g (including battery) Mic (maximum dimensions): 50.17 (length) × 37 (width) × 52.3 (height) mm 40g