

Quad-Proof camcorder with 5H long-life internal battery and 4GB flash memory, featuring Optical 40x Zoom and Advanced Image Stabiliser. Recording with LCD monitor closed and 37mm filter thread help to expand usage capabilities.



1/5.8-inch 2.5M pixel Back-illuminated CMOS  
40x Optical Zoom / 60x Dynamic Zoom / 200x Digital Zoom  
Software provided (for Windows(R))  
QUAD PROOF Body - 5m Water, Dust, 1.5m Shock, Freeze  
5H\* Long-Life Internal Battery  
\* 5H is the approximate time of continuous recording.  
Compatible with Portable Battery\* and USB Charging  
\* When used with a portable battery of over 1.0A, 5V and over 5200mAh. Compatibility is not guaranteed for all portable batteries.  
AVCHD Full HD Recording  
24Mbps High Bit Rate Recording  
Super LoLux with Back-illuminated CMOS Sensor  
Enhanced Advanced Image Stabiliser  
Intelligent AUTO  
Time-Lapse REC  
Recording with LCD Monitor Closed  
Zoom MIC  
Zoom Position Memory  
Face Detection  
K2 Technology in REC Mode  
Auto Wind Cut  
10 Megapixel Stills  
Simultaneous Full HD Video & 2M Still Shooting  
KONICA MINOLTA HD LENS  
37mm Filter Thread

Easy Upload to YouTube / Facebook (HD Compatible)  
3.0" "Frameless" Touch Panel LCD  
Pixela Everio MediaBrowser 4 provided (for Windows(R))  
Works with iMovie and Final Cut Pro X  
Mobile User Guide optimised for Smartphone viewing  
4GB Built-in Flash memory  
Memory Card Slot for SDXC/SDHC/SD

## Memory Camcorder

GZ-R445DEU	
<b>SYSTEM</b>	
<b>Storage Media</b>	SD Memory Card, Internal Flash Memory (4GB)
<b>Format</b>	[AVCHD] Video: MPEG-4 AVC/H.264 Audio: Dolby Digital (2ch)
<b>CAMERA</b>	
<b>CMOS</b>	1/5.8"
<b>No. of CCD/CMOS Pixels</b>	2.5M (back-illuminated)
<b>Lens</b>	
KONICA MINOLTA HD LENS	Yes
Zoom Ratio Optical	40x
Dynamic Zoom	60x
Zoom Ratio Digital (max.)	200x
Focal Length (mm)	2.9 - 116.0 (35mm film equivalent: 40.5 - 1620)
F Stop	F1.8 - F6.3
<b>Filter Diameter (mm)</b>	37.0
A.I.S.(Advanced Image Stabiliser)	Yes (Enhanced)
<b>Full Range AF/Manual Focus</b>	Yes/Yes
<b>Full-Auto/Manual White Balance</b>	Yes/Yes
<b>RECORDER</b>	
<b>AVCHD Video Recording</b>	Yes
<b>JPEG Still Shooting</b>	Yes
<b>Still Recording During Video Recording (Dual Rec)</b>	Yes
<b>Video Recording Modes</b>	AVCHD (UXP/XP/EP)
<b>Video Recording Time (max.)</b>	11hr 45min (UXP) / 59hr 10min (EP)
<b>Still Image Sizes</b>	[4:3] 3680x2760 / 1440x1080 / 640x480 [16:9] / 1920x1080
<b>No. of Still Images (max.)</b>	9999
<b>FALCONBRID Engine</b>	Yes
<b>INTERFACES</b>	
<b>SD Memory Card Slot</b>	Yes (SDXC Compatible)
<b>USB 2.0 High-Speed Data Transfer to PC</b>	Yes
<b>1920x1080/50P Output</b>	Yes
<b>HDMI(TM) output (Mini)</b>	Yes
<b>HDMI-CEC</b>	Yes
<b>AV Input/Output</b>	-/Yes
<b>LCD/SCREEN</b>	
<b>Clear LCD Monitor</b>	3.0" wide, 230k-pixel
<b>"Frameless" Touch Panel LCD</b>	Yes
<b>Auto LCD Backlight Control</b>	Yes
<b>FUNCTIONS</b>	
<b>Waterproof (IEC Standard publication 529 IPX8)</b>	Yes (5m/16.4ft)
<b>Waterproof (IEC Standard publication 529 IPX6)</b>	Yes
<b>Shockproof (MIL-STD 810F Method 516.5-Shock)</b>	Yes (1.5m/4.9ft)
<b>Dustproof (IEC Standard publication 529 IP5X)</b>	Yes
<b>Freezeproof</b>	Yes (-10 degrees celsius / 14 degrees fahrenheit)
<b>Super LoLux</b>	Yes
<b>Easy Upload to YouTube / Facebook</b>	Yes (HD Compatible)
<b>Face Detection</b>	Yes
<b>Intelligent AUTO</b>	Yes
<b>Time-Lapse REC</b>	Yes
<b>Recording with LCD Monitor Closed</b>	Yes
<b>Self-Check REC/PLAY</b>	Yes
<b>Time Counter Recording</b>	Yes

<b>Playback Time Counter</b>	Yes
<b>Direct Slow Playback Button on Touch Screen</b>	Yes
<b>Zoom MIC</b>	Yes
<b>Zoom Position Memory</b>	Yes
<b>Auto Wind Cut</b>	Yes
<b>Special Effects Recording (Video/Still)</b>	Grainy Monochrome / Food / Baby
<b>Touch Priority AE/AF</b>	Yes
<b>Silent Mode</b>	Yes
<b>High Capacity Internal Battery</b>	Yes (5H)
<b>Portable Battery Compatible and USB Charging</b>	Yes
<b>In-Camera File Editing</b>	Yes
<b>K2 Technology in REC Mode</b>	Yes
<b>Power-Linked Operation</b>	Yes
<b>Multi-Language On-Screen</b>	14 Languages (Eng. / Fre. / Ger. / Spa. / Ita. / Dut. / Por. / Rus. / Ukr. / Pol. / Cze. / Tur. / Swe. / Hun.)
<b>Big-Button On-Screen Menu</b>	Yes
<b>Self-Timer</b>	Yes (Video:5sec; Still:2sec/10sec)
<b>Lens Protector (fixed)</b>	Yes
<b>Tripod Mounting Hole</b>	Yes
<b>Works with iMovie and Final Cut Pro X</b>	Yes
<b>Mobile User Guide optimised for Smartphone viewing</b>	Yes
<b>GENERAL</b>	
<b>Power Consumption</b>	Approx. 2.2W
<b>Approx. Weight</b>	290g
<b>Dimensions (WxHxL)</b>	60 x 59.5 x 127mm
<b>PROVIDED ACCESSORIES</b>	
<b>AC Adapter</b>	Yes
<b>Adapter Cable (DC - USB Micro)</b>	Yes
<b>Lens Cap</b>	Yes
<b>AV Cable</b>	Yes
<b>USB Cable</b>	Yes
<b>Software</b>	
Pixela Everio MediaBrowser 4 (Win)	Yes (provided in camera)