

Table 1

<b>SPECIFICATII JVC 250 E</b>					
Image Sensor (inch)	1/2,3 Inch CMOS				
Number of Sensors		1			
Mega Pixels		12,4			
Gain in dB	0 to 36				
Shutter speed	1/4 to 1/10000				
White Balance modes	FAW, AWA, 3200K, 5600K, Manual				
Color Matrix adjustment	Yes				
Wide Dynamic Range Mode (WDR)	Yes				
User selected function buttons	Yes, 13 (9 Buttons 4 Cross shaped)				
User Customizes Menu	Yes				
Optical Specifications					
Lens mount	Internal				
Optical Zoom X times		12			
Dynamic Zoom x times		24			
Lens F Number	1.2 to 3.5				
Lens ratio from / to	4.67mm to 56.04mm				
Lens ratio equivalent to 35mm	29.6mm to 355mm				
Auto Focus	Yes				
Special Auto Focus Features	Area Focus, Near/Far Modes, Face				
Optical Image stabilization	Yes				
Filter Diameter in mm	62mm				
Build in ND Filters	2 Filters: 1/4, 1/16				
Recording Formats					
Media	SDHC/SDXC				
Media Class	4K/70 Mbps, HD and below Class 10 4K/150Mbps UHS1-U3 (no UHS-2)				
Recording slots		2			
Encoder	H.264				
File Format MOV	Yes				
File Format AVCHD	Yes				
Video Codec MPEG4 AVC/H264 4K/HD	Yes				
Video Codec AVCHD	Yes				
Recording specials	4:2:2 HD Record (H.264, 50Mbps)				
Simultaneous recording on 2 cards	Yes				
Simultaneous recording in 2 modes	Yes				
Recording Resolution Formats					
Resolution 3840 x 2160	Yes, 29,97p/25p/23.98p				
Resolution 1920 x 1080	Yes, 60p/50p/30p/25p/24p/1080i60/50				
Resolution 1440 x 1080	Yes, 60i/50i				
Resolution 1280 x 720	Yes, 60p/50/30p/25p/24p				
Resolution 720 x 576	Yes, 50i				
Resolution 960 x 540	Yes, 30p/25p/24p				
Resolution 480 x 270	Yes, 30p/25p/24p				
High Speed Recording	Yes				
High Speed Recording Modes	1920x1080 QuickTime (MPEG-4, AVC/H.264) 120fps/100fps				
Recording Data rate 1	150 Mbps (UHD)				
Recording Data rate 2	70 Mbps (UHD)				
Recording Data rate 3	8,17,24,28 Mbps (AVCHD)				
Recording Data rate 4	35 Mbps (UHQ)				
Recording Data rate 5	50 Mbps (XHQ/YUV422)				
Recording Data rate 6	8 Mbps (SD)				
Recording Data rate 7	9,8,5,3,1.2,0.8,0.3,0.2 (WEB)				
SD Recording	Yes				
Interval Recording	Yes				
Pre Rec (retro) recording	Yes, 5 sec. (4K) 5,10,15 sec. (HD/SD)				
Clip Trimming	Yes				
Audio Channels		2			
Audio Recording modes	LPCM 2ch, 48 kHz/16 bit (4k/HD/SD MOV), AC3 2ch (AVCHD), $\mu$ low 2ch (Proxy)				
IP Section of the Product					
IP Main Connection	USB A Host				
IP Connection supports	Ethernet, WIFI - and LTE USB Adapters				
IP Features Live-Streaming	Yes				

	IP Features Remote	Yes, Via Web-Browser (no apps needed)			
	IP Features FTP	Yes, Different protocols			
	IP Features Meta-Data	Yes, Local and Remote editing and data exchange			
	Live-Streaming Bitrates	1920 x 1080 (59.94i/50i) Audio AAC 128 k 12/8/5/3 Mbps 1280 x 720 (59.94p/50p) Audio AAC 128 k 12/8/5/3 Mbps 1280 x 720 (29.97p/25p) Audio AAC 128 k 8/5/3/1.5 Mbps 720 x 480 (59.94i) 720 x 576 (50i) Audio AAC 128 k/64 k 8/5/3/1.5/0.8/0.3 Mbps 640 x 360 (29.97p/25p) Audio AAC 128 k/64k 3/1.5/0.8/0.3 Mbps			
	Live-Streaming Protocols	RTMP, MPEG2-TS/UDP, MPEG2-TS/RTP, RTSP/RTP, ZIXI			
	Live-Streaming Single cast	Yes			
	Live-Streaming Multicast	Yes			
	Live-Streaming reconnect	Yes			
	Live-Streaming and simultaneous REC	Yes			
	Live-Streaming Pre-sets of destinations		4		
	FTP Protocol formats	FTP / SFTP / FTPS			
	FTP upload during REC	Yes			
	FTP servers presets		4		
	Meta-Data presets of servers		4		
	Note for all kind of USB Adapters	The connection to a network will be made by the USB Host Port of the camcorder (on the right back end side of the camcorder). Please select the device which you are going to use: WIFI dongle / 3G/4G dongle or a CAT Network adapter. The Adapter you going to be use must be a registered Adapter (see attached compatible list), cause all of these Adapter needs dedicate drivers, which to be implemented into the camcorder. In the case for LTE adapters, there must be done a pre-set of these dongles in your local PC first!			
	Recommendation for WIFI USB Adapters (EU only)	Please Note: Sometimes the Manufacturers change the Revision of the Chip-sets, but product name not changed, we can't track such issues so may its possible that such a dongles even its mentioned here, may not work. The Adapters below are work able in the 2,4 GHz and 5 GHz infrastructure.			
	WIFI Dongle 1	Sitecom WLA.1001			
	WIFI Dongle 2	EnGenius EUB1200AC /Realtek RTL8812AU			
	WIFI Dongle 3	ASUS USB1200AC /Realtek RTL8812AU			
	WIFI Dongle 4	D-LINK DWA-172 (revA1) /Realtek RTL8811AU			
	WIFI Dongle 5	EDIMAX EW-781UTC /Realtek RTL8811AU			
	WIFI Dongle 6	D-LINK DWA-171(revA1) /Realtek 8811AU			
	WIFI Dongle 7	TP-LINK Archer T4U /AC1200 Realtek8811AU not T4U V2.0 AC1300!!			
	WIFI Dongle 8	Wideland (over Amazon) ACWIFI DEWIFIC001A			
	Recommendation for Ethernet adapters				
	Ethernet Dongle 1	EDIMAX EU-4208			
	Ethernet Dongle 2	Sitecom LN-030 V2 not Sitecom LN-030 V3			
	Ethernet Dongle 3	Hamlet HNU2GTX			
	Ethernet Dongle 4	D-LINK DUB-E100 (rev C1)			
	Recommendation for 3G/4G (LTE) Adapters	Dear Customer, for the most countries we have a recommendation of adapters, please download our info sheet for LTE support, below you find a special recommendation, which should work in the most countries.			
	LTE Specials 1	Universal LTE dongle Huawei E8372LTE Wingle so far works with Telekom/O2/Vodafon , others not tested yet.			
	Special Features				
	Overlay for Broadcast-News	Yes			
	Self Modify Templates via SDP Generator	Yes, For News			
	Text support	Yes			
	Logo support	Yes			
	Watermark	Yes, Free Position			
	Full Screen Graphics	Yes, PNG or JPG Files Max 50 Images			
	LIVE Logo	Yes, Self design			
	Overlay output selection	Yes, REC LIVE out Stream			
	IN-OUT's Connections				
	OUT HSDI	Yes, 3G HSDI			
	OUT HSDI Format max.	1080/60p,50p 8 Bit 4:2:2 EE			
	OUT HDMI	Yes			
	OUT HDMI Format max.	2160/30p,25p,24p 8 bit 4:2:2 EE 1080/60p,50p 8 bit 4:2:2 EE			
	OUT AV	Yes, 3.5mm mini jack			
	OUT Audio Line	Yes, 1 times 3.5mm mini jack			
	OUT Audio Headphone	Yes, 1 times 3.5mm mini jack			
	IN Audio XLR MIC/LINE	Yes, 2 times supports LINE and MIC Level with +48V			
	IN Audio AUX	Yes, 1 times 3.5mm mini jack			
	Build in Microphones	Yes, Stereo MIC			
	Wired remote IN	Yes, serial LANC 2.5mm mini jack			
	USB HOST	Yes			
	USB Data Exchange (Storage)	Yes			

	EVF and LCD					
	Operation Panel Type	LCD				
	Operation Panel Resolution	920K				
	Operation Panel Size diagonal in inch	3.5				
	Electronic Viewfinder (EVF) Type	LCOS				
	Electronic Viewfinder (EVF) Resolution	1,56M				
	Electronic Viewfinder (EVF) Size diagonal in inch	0.24				
	Power and Enviroment Spec´s					
	Power AC	Yes, DV12V(AC Adapter)				
	Power DC	Yes, 12 Volt, Battery 7,4V				
	Battery types	SSL-JVC50 / SSL-JVC75 IDX				
	Power consumption	Approximate 7,9W with VF in 4K REC mode, default settings				
	Operation Temperature in Celsius degrees	0 to 40				
	Storage Temperature in Celsius degrees	-20 to 50				
	Operation Humidity in %	30 to 80				
	Storage Humidity under %		85			
	Mechanical Informations					
	Weight in kg	1,6 include battery				
	Measurements (WxHxD) in mm	W 149 x H 191 x D 307				
	Handle removable	Yes				
	Include Package					
	Battery	Yes, 1 SSL-JVC50				
	AC/DC adapter	Yes				
	Handle unit	Yes, with Professional Audio XLR support				
	Instructions	Yes				
	General Editing Note					
	NOTE:	Simulated pictures. The values for weight and dimensions are approximate. E.&O.E. Design and specifications subject to change without notice.				