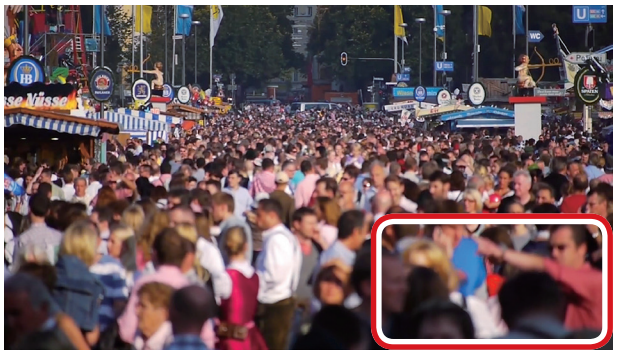
JVC

H.265/HEVC Streaming Adapter

KA-EN200G

CONNECTED CAM

H.265/HEVC Streaming Encoder Unit for GY-HC500 and GY-HC900 Series Connected Cam Camcorders



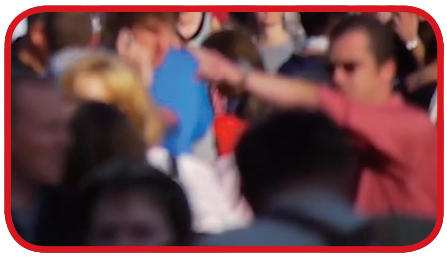
Original image 1280x720 30p/25P

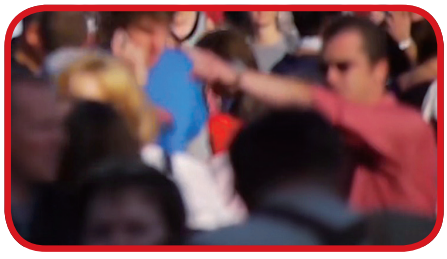
H.265/HEVC **8M**

H.265/HEVC **0.8M**

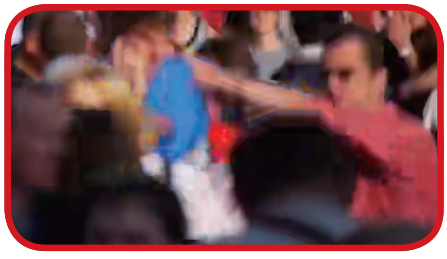
Efficient high-quality IP video transmission at up to 24Mbps

Actual images comparison





Almost the same quality is maintained as the original.



Usable under a severe environment in acceptable quality.

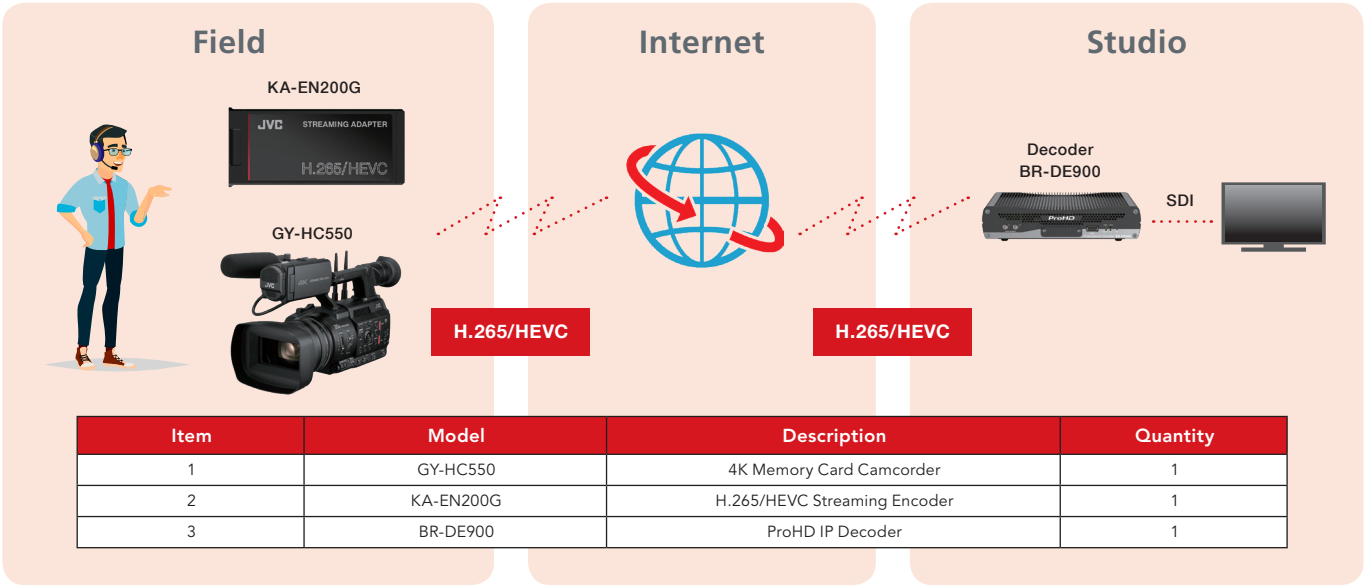
KA-EN200 Features

- H.265 compression produces similar or better image quality than H.264 at 50% of bitrate.
- Supports contribution quality of 4:2:2 10-bit HEVC encoding.
- Encodes HDR video with HLG or J-LOG Gamma LUTs.
- Supports UDP, Zixi and SRT streaming protocols.
- Inserts into the expansion slot of the GY-HC500 Series/GY-HC900 Series camcorders.

Main Features	
Connectable models	GY-HC550/GY-HC500 Series GY-HC900 Series (Firmware update required)
Supporting protocol	MPEG2-TS/UDP Zixi (Depends on camcorder setting) SRT (Depends on camcorder setting)
Aspect ratio	16:9
HDR in H.265 streaming	HLG and J-Log

Type	Format				Frame Rate	H.265 Rate Mbps
HD Live Streaming	1920 x 1080	59.94p	4:2:2	10bit	59.94	24/20/16/12/8
			4:2:0	8bit	59.94	16/12/8/5/3/1.5
		29.97p	4.2.0	8bit	29.97	16/12/8/5/3/1.5
		50.00p	4:2:2	10bit	50	24/20/16/12/8
			4:2:0	8bit	50	16/12/8/5/3/1.5
		25.00p	4.2.0	8bit	25	16/12/8/5/3/1.5
	1280 x 720	59.94p	4:2:2	10bit	59.94	12/8/5/3/1.5
			4:2:0	8bit	59.94	8/5/3/1.5/0.8
		29.97p	4.2.0	8bit	29.97	8/5/3/1.5/0.8
		50.00p	4:2:2	10bit	50	12/8/5/3/1.5
			4:2:0	8bit	50	8/5/3/1.5/0.8
		25.00p	4.2.0	8bit	25	8/5/3/1.5/0.8

IP Video Production Workflow:



Item	Model	Description	Quantity
1	GY-HC550	4K Memory Card Camcorder	1
2	KA-EN200G	H.265/HEVC Streaming Encoder	1
3	BR-DE900	ProHD IP Decoder	1

General Specifications	
Power Supply	DC 5.0 V – 17V
Power Consumption	3.5W (Max.)
Net Weight	30g
Dimensions (W x H x D)	88mm x 8.4mm x 39.8mm
Operation Temperature	0 – 40°C
Storage Temperature	-20 – +50°C
Operating Humidity	30%RH – 80%RH
Storage Humidity	Less than 85%RH

The values for weight and dimensions are approximate.
E.&O.E. Design and specifications subject to change without notice.
Copyright © JVCKENWOOD Corporation. All Rights Reserved.

JVCKENWOOD

DISTRIBUTED BY

March 2020 KCS-8485
"JVC" is the trademark or registered trademark of JVCKENWOOD Corporation.