



## The Ultimate Live-Over-IP 4K 4:2:2 10-bit Recording Handheld Camcorder



## CONNECTED CAM





ProRes MPEG-2 ## 52





## 1" CMOS 4K Image Sensor

The GY-HC550 features a 1-inch CMOS 4K image sensor for uncompromised image quality. This large sensor delivers a superior dynamic range, high S/N ratio and high sensitivity (F11 at 2000lx). Details are crisp and accurate throughout the entire image plane.





#### 20x Optical/40x Dynamic Zoom Lens with Manual Functions

The GY-HC550 is equipped with a newly developed wide-angle 20x optical zoom lens to offer flexible magnification for shooting. When shooting in HD mode, Dynamic Zoom combines optical zoom and pixel mapping from a 4K image sensor to create seamless and lossless 40x zoom. Take total control of the scene with triple large rings for zoom, focus, and iris for smooth shooting. Other features include an optical image stabilizer and chromatic aberration correction.





Original image at wide end

20x Optical Zoom

**ProRes** 

#### 4K UHD 60p/50p Apple ProRes 422 10-bit Recording

The GY-HC550 can record in Apple ProRes 422 for attention-grabbing 4K 60p/50p image creation. Apple ProRes 422 HQ offers virtually lossless intra-frame compression, which speeds up post-production. Footage is recorded in native file formats that are understood by most major editing applications without transcoding. This is helpful for efficient workflow of editing and post process. The 4:2:2 format also provides richer color information and 10-bit recording delivers rich gradations—a definite advantage for grading work after recording.

Estimated recording time (Approx. min.)

4K UHD 60p/50p	SSD Capacity				
(at highest bit rate)	2TB	1TB	500GB		
Apple ProRes 422 HQ	151/180	75/90	38/45		
Apple ProRes 422	226/271	113/135	56/68		
Apple ProRes 422 LT	324/388	162/194	81/97		

Note

Apple ProRes 422 recording requires SSD media and the optional KA-MC100G media adapter.

## SSD Enables Extended Time 4K UHD 60p/50p Shooting

Large-capacity, readily-available SSDs (SATA M.2 SSD Type2280) are compatible, so extended-time 4K UHD 60p/50p video recording is possible. Just plug it into the camera's extended slot (using the optional SSD adapter KA-MC100G) and you are able to record with only the camera, ensuring a high degree of mobility. High-speed

transfer of huge amounts of recorded footage is also possible for stress-free data handling.



#### Note:

- Approved SSD media should be used. More detailed information is available on the JVC website.
- $\bullet$  HD format recording to SSD is a planned future upgrade.

## Various Codecs and Recording Formats

With a variety of recording formats including MPEG-2 MXF preferred by broadcasters, the GY-HC550 provides professionals with unprecedented flexibility to meet production standards through a wide range of workflows. Note: Apple ProRes 422 is recorded to only SSD.

Video Codec	Mode (Bit rate)	Resolution	File format	
Apple ProRes 422	4K UHD 59.94p/50p/29.97p/25p/23.98p Apple ProRes 422 HQ 10-bit Apple ProRes 422 10-bit Apple ProRes 422 LT 10-bit 3840 x 2160		QuickTime	
MPEG-4 AVC/ H.264	4K UHD 29.97p/25p/23.98p 4:2:2 10-bit / 4:2:0 8-bit	3840 x 2160 (150Mbps / 70Mbps)		
	<b>HD</b> 4:2:2 10-bit / 4:2:0 8-bit, others	1920 x 1080, 1280 x 720 (70Mbps / 50Mbps / 35Mbps)	QuickTime	
	SD	720 x 480/576 (8Mbps)		
	Web (Proxy)	960 x 540, 480 x 270 (3 to 1.2Mbps)		
MPEG-2 Long GOP	НД	1920 x 1080 1440 x 1080 1280 x 720 (35Mbps / 25Mbps)	QuickTime / MXF	

For Sports System

MPEG-4 AVC/ H.264	Exchange (U model)	1920 x 1080 (12Mbps)	MP4	
	MP4 (E model)	1280 x 720 (8Mbps)		

#### Live-over-IP Features with Built-in MIMO based Wireless LAN

As a CONNECTED CAM series camcorder, the GY-HC550 delivers a variety of features and performance required in the field with IP connectivity. Use the built-in MIMO based wireless LAN, or use the

RJ-45 LAN terminal for the stability of wired communication. Count on camera-to-studio and studio-to-camera two-way data communication to enable you to build an advanced Live-over-IP workflow solution.

The GY-HC550 supports various live streaming protocols to accommodate a range of usages.



### HD Live Streaming up to 24Mbps with Low Latency

The GY-HC550 is capable of streaming LIVE HD/SD and proxy video/ audio via network up to 24Mbps with low latency. High quality, stable streaming is possible from the field using just the camera itself (appropriate network connection required). No need to carry a heavy backpack or external boxes.

#### Various QoS Technologies including Zixi and SMPTE 2022-1

For reliable, quality streaming, Zixi advanced streaming is built-in to provide forward error correction, automatic repeat request (ARQ), and adaptive bitrate control to ensure error-free video delivery

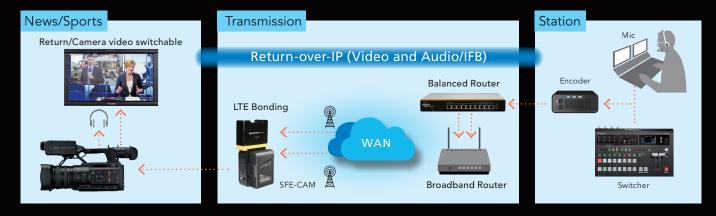
in packet loss environments such as when streaming over cellular networks. SMPTE 2022-1 forward error correction is also supported for reliable transmission.



#### Return over IP

The GY-HC550 can receive return video/IFB from the station while streaming live to air via IP thanks to a new platform. This allows

reporters and camera operators to wirelessly receive directions from the station .

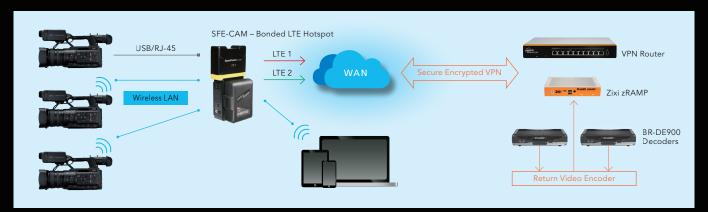


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#### Connection in the Field

SFE-CAM is a powerful bonded cellular hotspot that connects interactively to multiple GY-HC550 camcorders and features Peplink's patented SpeedFusion™ technology. Multiple GY-HC550 units can be connected to SFE-CAM via built-in wireless LAN with dual external antennas. SFE-CAM bonds multiple cellular and wireless LAN connections enabling the user to send digital video at greater speeds than you could with a single modem, and at a fraction of

what it would cost using a conventional satellite connection. This unit provides connectivity that lets you stream from multiple cameras to HD-SDI decoders or servers at a central location. It's provided with dual cellular modems with redundant SIM slots and dual band Wireless LAN letting you use up to four different providers for bandwidth bonding, data coverage protection or eliminating blind spots.



### Complete Video-over-IP Solution for Remote Production

The GY-HC550 with ProHD Studio system provides an affordable multicamera live production solution with unique features. The ProHD Studio accepts four Video-over-IP streams from the GY-HC550 (or JVC IP-supported cameras). And a built-in H.264 encoder supports 1080/60p and 1080/50p streaming up to 24Mbps. In addition, it can support RTMP protocol for direct streaming to various CDNs. Output choices include

dedicated HD-SDI and HDMI ports, plus an HDMI display port for multi-view or program monitoring. IP accommodates streaming from the camera as well as RCU and return, IFB from the studio, including tally and voice instructions. Suitable for compact live production and streaming studio for live events such as concerts, sports, ceremonies and conferences.



#### Auto FTP

It's possible to upload video clips to an FTP server via IP. Auto FTP function allows you to start uploading a recorded clip without opening the menu screen.

## IP Remote Control with Viewing

When the camera is IP connected, vital camera operations can be remotely controlled via wireless or wired LAN from a tablet, smartphone, or computer anywhere in the world. Remote control functions include lens and camera settings as well as registering zoom presets and IP connection settings.



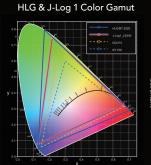
#### Built-in GPS

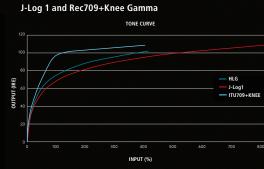
A GPS unit is built-in, enabling location information to be recorded or streamed as metadata along with the video data.

#### HDR via HLG/J-Log 1

The GY-HC550 is equipped with an HDR compatible HLG (Hybrid Log Gamma) mode and JVC's proprietary J-Log 1 Gamma mode. These enable high dynamic range capture of a broad color spectrum with 10-bit recording for better color grading and to avoid banding. Footage recorded in HLG mode will deliver a full HDR image when viewed on HLG-compatible monitors. The J-Log 1 mode delivers wide latitude and a high dynamic range of 800%. In the field, it's possible to record while checking the image on the GY-HC550's LCD screen or viewfinder to get a grasp of the final output.

# High Dynamic Range





#### [ HLG Workflow ]

GY-HC550 supports HLG recording which enables simple HDR workflow without color grading. Avoiding clipped highlights or shadows, images are more realistic and vibrant. BT.2020 which offers wider color gamut is also supported.

#### Extremely Practical Auto Focus and Assist Functions

The Auto Focus and Focus Assist functions of the GY-HC550 provide the highly accurate, stable focusing that is essential for 4K shooting. Moreover, its broad customizability enables it to perform in a variety of shooting situations.

- Customizable AF: AF speed, AF sensitivity, AF area, and Near Limiter can be adjusted as needed.
- Customizable AF Assist: Turning the focus ring varies the function depending on the Focus/Assist mode status to fully control focusing.
- One Button Control: "PUSH AUTO/LOCK" button enables you to lock focus, or engage AF for as long as you keep the button pressed, etc., for one-button focus control according to the focus mode you have selected.
- Advanced Face Detection





When the face turns away and face detection fails, focus comes into the subject in the background.



When face detection fails, focusing automatically switches to MF while maintaining the focus on the position of the face.

### Broadcast Info Overlay on HD Video and Streaming

Designed for enhanced single-camera production, the GY-HC550 produces real-time broadcast information overlays for HD recorded video or streamed video without an external CG or production switcher. Lower-third graphic overlays are generated and controlled using a browser-equipped device, such as a tablet or smartphone.

Notes: • This feature is not available in 4K or SD mode.

• Overlay designs can be created in various language characters using JVC's SDP Generator (free software).

> Its robust body makes the GY-HC550 ready to work in harsh environments and situations. Excellent construction in weather resistance enables image gathering in the field with confidence.

## Robust Body and Excellent in Weather Resistance

### Large 3-Color LED Indicators

Two large-size LED indicators light in three colors to give you an at-a-glance indication for camera status and network conditions including return video.

## Switchable IR Shooting







IR filter can be switched disabled (Infrared ON) to increase infrared sensitivity for shooting in extremely low illuminance.

## **Usability and Connectivity**



#### **Dimensions**



Product photo shown with optional microphone

#### Accessories



## GY-HC550 / GY-HC500 Comparison

		GY-HC550	GY-HC500	
Codec	MPEG-2/MXF	Yes	No	
Hardware	GPS	Yes	No	
	Wireless LAN 2.4G/5G	Built-in	With optional USB dongle	
IP	Zixi protocol	Yes	No	
Broadcast Overlay		Yes	No	

#### Specifications

Power   DCIZY/(AC adapten), DCIZY/(Battery)	Specifications					
Dimensions (W x H x D)   188mm x 227mm x 437mm (with lens hood)   Weight   3.6kg (with lens hood and battery, without wireless LAN antenna unit)   Operation temperature   20°C to 50°C   20°C   20°		Power	DC12V (AC adapter), DC7.2V (battery)			
Seneral Specifications   Weight   3.6kg (with lens hood and battery, without wireless LAN antenna unit)		Power consumption	Approx. 24W (Default setting)			
CENTERAL SPECIFICATIONS   Operation temperature   20°C to 40°C		Dimensions (W x H x D)	188mm x 227mm x 437mm (with lens hood)			
Operation temperature   OPC to 40°C	GENERAL SPECIFICATIONS	Weight	3.6kg (with lens hood and battery, without wireless LAN antenna unit)			
Operating humidity   Storage humidity   Under 85%		Operation temperature	0°C to 40°C			
Storage humidity		Storage temperature	-20°C to 50°C			
Image sensor   1" (effective) CMOS, effective number of pixels: approx 9.35 million		Operating humidity	30% to 80%			
Synchronizing		Storage humidity	Under 85%			
Stabilizer		Image sensor	1" (effective) CMOS, effective number of p	ixels: approx 9.35 million		
Sensitivity		Synchronizing	Internal synchronization			
Lens		Stabilizer	1 9			
Filter diameter   Summ   Shutter speed   1/6 (48Hz), 1/7.5 (60Hz) to 1/10000   Gain   -6, -3, 0, 3, 6, 9, 12, 15, 18, 21, 24 Lolux (30, 36) dB, AGC     ND filter   OFF, 1/4, 1/16, 1/64     Viewfinder   O.4* LCOS approx 3.68M pixels Quad VGA (1280 x 960), 1280 x 720 at 16:9     LCD monitor   3,97* LCD approx. 1.15M pixels WVGA (800 x 480), 800 x 450 at 16:9     AK (150Mbps): UHS-1 U3, 4K (70Mbps):/HD (70Mbps/S0Mbps): Class 10, HD (35Mbps): UHS-1 U3, 4K (70Mbps):/HD (70Mbps/S0Mbps): Class 10, HD (35Mbps): Class 4, Web: Class 4, High-Speed: UHS-1 U3, Exchange (U model):/MP4 (Emodel): Class 4     SSD (Solid State Drive) Type M.2 SATA   With KA-MC100G (optional)     Video codec   Apple ProRes 422, MPEG-4 AVC/H.264, MPEG-2     File format   QuickTime, MP4, MXF   Audio recording   LPCM 264, 48HzHz-4b-it/16-bit, .p-Law 2ch (Web), AAC 2ch (Exchange/MP4), Detail information is shown in Recording Formats chart below.     Protocol   RTMP, MPEG2-TS/UDP, MPEG2-TS/TCP, MPEG2-TS/TCP, MPEG2-TS/TCP, MPEG2-TS/TCP, MPEG2-TS/TDP, MPEG2-TS/TCP, MPEG2-TS/TC		Sensitivity	F11 at 2000lx 89.9% reflectance			
Shutter speed   1/6 (48Hz), 1/7.5 (60Hz) to 1/10000		Lens	F2.8 (wide) to F4.5 (tele), f=9.43mm to 188.6	6mm (f=28mm to 560mm (35mm equivalent))		
Gain   -6, -3, 0, 3, 6, 9, 12, 15, 18, 21, 24 Lolux (30, 36) dB, AGC     ND filter   OFF, 1/4, 1/16, 1/64     Viewfinder   0.4* LCOS approx 3.68M pixels Quad VGA (1280 x 960), 1280 x 720 at 16:9     LCD monitor   3,97* LCD approx. 1.15M pixels WVGA (800 x 480), 800 x 450 at 16:9     Kecording media   SDHC/SDXC memory card x 2   4K (150Mbps): UHS-1 U3, 4K (70Mbps)/HD (70Mbps/50Mbps): Class 10, HD (35Mbps): Class 6, SD: Class 4, Web: Class 4, High-Speed: UHS-1 U3, Exchange (U model)/MP4 (Emodel): Class 4     Video codec   Apple ProRes 422, MPEG-4 AVC/H.264, MPEG-2     File format   QuickTime, MP4, MXF     Audio recording   LPCM 2ch, 48kHz/24-bit/16-bit, µ-Law 2ch (Web), AAC 2ch (Exchange/MP4), Detail information is shown in Recording Formats chart below.     Resolution and bit rate   HD   1920 x 1080 (59.94p/50p) 24/20/16/12/8/5/3Mbps, 1280 x 720 (29.97p/25p) 8/5/3/1.5/0.8/0.3Mbps     LIVE VIDEO STREAMING   AAC 2ch 128Kbps (1.5Mbps over), 64Kbps (0.8Mbps under)     Video/Audio output   3G-SDI output (BNC x 1) (up to 1920 x 1080 60p 4;2:2 10-bit), HDMI output x 1 (up to 3840 x 2160 60p 4:2:2 10-bit)     Audio input   XLR x 2 (MIC, +48V/LINE), ø3.5mm mini jack x 1	CAMERA	Filter diameter	82mm			
ND filter		Shutter speed	1/6 (48Hz), 1/7.5 (60Hz) to 1/10000			
Viewfinder   0.4" LCOS approx 3.68M pixels Quad VGA (1280 x 960), 1280 x 720 at 16:9			-6, -3, 0, 3, 6, 9, 12, 15, 18, 21, 24 Lolux (30, 3	36) dB, AGC		
LCD monitor   3.97* LCD approx. 1.15M pixels WVGA (800 x 480), 800 x 450 at 16:9		ND filter	OFF, 1/4, 1/16, 1/64			
Recording media   SDHC/SDXC memory card x 2		Viewfinder	0.4" LCOS approx 3.68M pixels Quad VGA	(1280 x 960), 1280 x 720 at 16:9		
NDEO/AUDIO RECORDING   SDHC/SDXC memory card x 2		LCD monitor	3.97" LCD approx. 1.15M pixels WVGA (800			
Video codec         Apple ProRes 422, MPEG-4 AVC/H.264, MPEG-2           File format         QuickTime, MP4, MXF           Audio recording         LPCM 2ch, 48kHz/24-bit/16-bit, μ-Law 2ch (Web), AAC 2ch (Exchange/MP4), Detail information is shown in Recording Formats chart below.           LIVE VIDEO STREAMING           Resolution and bit rate         REsolution and bit rate         HD         1920 x 1080 (59.94p/50p) 24/20/16/12/8Mbps, 1920 x 1080 (59.94p/50p) 29/25p) 8/5/3/1.5Mbps, 1280 x 720 (29.97p/25p) 8/5/3/1.5Mbps           SD         720 x 480 (59.94p/50p) 20/16/12/8/5/3Mbps, 1280 x 720 (29.97p/25p) 8/5/3/1.5/0.8/0.3Mbps           Low         640 x 360 (59.94p/50p) 3/1.5Mbps, 640 x 360 (29.97p/25p) 3/1.5/0.8/0.3Mbps           Audio         AAC 2ch 128Kbps (1.5Mbps over), 64Kbps (0.8Mbps under)           Video/Audio output         3G-SDI output (BNC x 1) (up to 1920 x 1080 60p 4:2:2 10-bit), HDMI output x 1 (up to 3840 x 2160 60p 4:2:2 10-bit)           Audio input         XLR x 2 (MIC, +48V/LINE), ø3.5mm mini jack x 1		Recording media	SDHC/SDXC memory card x 2	HD (35Mbps):Class 6, SD: Class 4, Web: Class 4, High-Speed: UHS-1 U3,		
Video codec	VIDEO/AUDIO RECORDING		SSD (Solid State Drive) Type M.2 SATA	With KA-MC100G (optional)		
Audio recording		Video codec	Apple ProRes 422, MPEG-4 AVC/H.264, MF	PEG-2		
Protocol   RTMP, MPEG2-TS/UDP, MPEG2-TS/TCP, MPEG2-TS/RTP, RTSP/RTP, Zixi   HD   1920 x 1080 (59.94p/50p) 24/20/16/12/8/Mbps, 1920 x 1080 (59.94i/50i/29.97p/25p) 20/16/12/8/5/3Mbps, 1280 x 720 (59.94p/50p) 24/20/16/12/8/5/3Mbps, 1280 x 720 (29.97p/25p) 8/5/3/1.5Mbps   5D   720 x 480 (59.94p/50p) 20/16/12/8/5/3Mbps, 1280 x 720 (29.97p/25p) 8/5/3/1.5/0.8/0.3Mbps   200 x 720 (59.94p/50p) 3/1.5Mbps / 200 x 480 x 200 (29.97p/25p) 3/1.5/0.8/0.3Mbps   200 x 20		File format	QuickTime, MP4, MXF			
HD   1920 x 1080 (59.94p/50p) 24/20/16/12/8Mbps, 1920 x 1080 (59.94i/50i/29.97p/25p) 20/16/12/8/5/3Mbps, 1280 x 720 (59.94p/50p) 20/16/12/8/5/3Mbps, 1280 x 720 (29.97p/25p) 8/5/3/1.5Mbps   1280 x 720 (480 (59.94p/50p) 20/16/12/8/5/3Mbps, 1280 x 720 (29.97p/25p) 8/5/3/1.5Mbps   1280 x 720 (480 (59.94p/50p) 20/16/12/8/5/3Mbps, 1280 x 720 (29.97p/25p) 8/5/3/1.5/0.8/0.3Mbps   1280 x 720 (480 (59.94p/50p) 3/1.5Mbps, 240 x 360 (29.97p/25p) 3/1.5/0.8/0.3Mbps   240 x 360 (59.94p/50p) 3/1.5Mbps, 240 x 360 (29.97p/25p) 3/1.5/0.8/0.3Mbps   240 x 360 (59.94p/50p) 3/1.5Mbps, 240 x 360 (29.97p/25p) 3/1.5/0.8/0.3Mbps   240 x 360		Audio recording	LPCM 2ch, 48kHz/24-bit/16-bit , µ-Law 2ch	(Web), AAC 2ch (Exchange/MP4), Detail information is shown in Recording Formats chart below.		
1280 x 720 (59.94p/50p) 20/16/12/8/5/3Mbps, 1280 x 720 (29.97p/25p) 8/5/3/1.5Mbps		Protocol	RTMP, MPEG2-TS/UDP, MPEG2-TS/TCP, MPEG2-TS/RTP, RTSP/RTP, Zixi			
Audio   AAC 2ch 128Kbps (1.5Mbps over), 64Kbps (0.8Mbps under)   Audio   AGC 2ch 128Kbps (1.5Mbps over), 64Kbps (0.8Mbps under)			HD			
Audio         AAC 2ch 128Kbps (1.5Mbps over), 64Kbps (0.8Mbps under)           Video/Audio output         3G-SDI output (BNC x 1) (up to 1920 x 1080 60p 4:2:2 10-bit), HDMI output x 1 (up to 3840 x 2160 60p 4:2:2 10-bit)           Audio input         XLR x 2 (MIC, +48V/LINE), ø3.5mm mini jack x 1	LIVE VIDEO STREAMING	Resolution and bit rate	SD	720 x 480 (59.94i) (U model), 720x576 (50i) (E/EC model) 8/5/3/1.5/0.8/0.3Mbps		
Video/Audio output         3G-SDI output (BNC x 1) (up to 1920 x 1080 60p 4:2:2 10-bit), HDMI output x 1 (up to 3840 x 2160 60p 4:2:2 10-bit)           Audio input         XLR x 2 (MIC, +48V/LINE), ø3.5mm mini jack x 1			Low	640 x 360 (59.94p/50p) 3/1.5Mbps , 640 x 360 (29.97p/25p) 3/1.5/0.8/0.3Mbps		
Audio input XLR x 2 (MIC, +48V/LINE), ø3.5mm mini jack x 1		Audio	AAC 2ch 128Kbps (1.5Mbps over), 64Kbps	(0.8Mbps under)		
		Video/Audio output	3G-SDI output (BNC x 1) (up to 1920 x 1080	0 60p 4:2:2 10-bit), HDMI output x 1 (up to 3840 x 2160 60p 4:2:2 10-bit)		
Headphone ø3.5mm mini jack x 1		Audio input	XLR x 2 (MIC, +48V/LINE), ø3.5mm mini jac	k x 1		
	INTERFACES	Headphone	ø3.5mm mini jack x 1			
Remote ø2.5mm mini jack x 1		Remote	ø2.5mm mini jack x 1			
INTERFACES Time code input/output RCA x 1		Time code input/output	RCA ×1			
USB HOST x 1 (network connection, USB 2.0)		USB	HOST x 1 (network connection, USB 2.0)			
Ethernet RJ-45 x 1		Ethernet	RJ-45 x 1			
Extended slot KA-MC100G and for future expansion purpose		Extended slot	KA-MC100G and for future expansion purp	oose		
Wireless LAN Built-in (2.4GHz/5GHz) MIMO with dual external antennas		Wireless LAN	Built-in (2.4GHz/5GHz) MIMO with dual external antennas			
PROVIDED ACCESSORIES Battery (BN-VC296G) x 1, wireless LAN antenna x 2, AC adapter, power cable, lens hood	PROVIDED ACCESSORIES	Battery (BN-VC296G) x 1, v	ttery (BN-VC296G) x 1, wireless LAN antenna x 2, AC adapter, power cable, lens hood			

#### Recording Formats

System	Video format	Resolution		Frame rate		Bit rate	Audio	Rec time (min	.)
Apple Prof	Apple ProRes 422 HQ	ProRes 422 3840 x 2160				1768/1475/884/737/707Mbps		75/90/150/180/188	1TB SSD
	Apple ProRes 422		59.94p/50p/29.97p/25p/23.98p	50p/29.97p/25p/23.98p	4:2:2 10-bit	1178/983/589/492/471Mbps	LPCM 2ch 48kHz/24bit	113/135/225/270/282	
AK LIND	4K UHD Apple ProRes 422 LT					821/684/410/342/328Mbps		162/194/323/387/403	
QuickTime	0.117				4:2:2 10-bit	150Mbps	LPCM 2ch 48kHz/24bit	56	
	(MPEG-4.AVC/H.264)	3840 x 2160	29.97p/25p/23.98p	4:2:0 8-bit	150Mbps	LPCM 2ch 48kHz/16bit	56		
	(111 20 13 14 0) 1120 1)				4.2.0 6-bit	70Mbps	Er Civi 2011 40kH2/ 10Dit	119	
		1920 x 1080		59.94p/50p		70Mbps (422 XHQ)		117	]
		1720 X 1000	59.94p/59.94i/50p/50i/29.97p/25p/23.98p 59.94p/50p		4:2:2 10-bit	50Mbps (422 XHQ)	LPCM 2ch 48kHz/24bit	162	
	QuickTime	1280 x 720				301VIDPS (422 X11Q)		162	
	(MPEG-4.AVC/H.264)	1920 x 1080	59.94p/59.94i	/50p/50i/29.97p/25p/23.98p		50Mbps (XHQ)		165	
			59.94i/!	50i/29.97p/25p/23.98p	4:2:0 8-bit	35Mbps (UHQ)	LPCM 2ch 48kHz/16bit	233	
HD		1280 x 720		59.94p/50p		35WBP3 (011Q)			
110		1920 x 1080	59.9	94i/50i/29.97p/25p		35Mbps (HQ)	LPCM 2ch 48kHz/16bit	231	64GB SD Card
	QuickTime	1440 x 1080		59.94i/50i	4:2:0 8-bit				
	(MPEG-2 Long GOP)	1280 x 720		59.94p/50p					
		1440 x 1080	59.94i/50i			25Mbps (SP)		317	]
	Exchange (U model)		- 59.94p (U model only) / 50p (E/EC model only)		4:2:0 8-bit 12Mbps (LP)	AAC 2ch 48kHz/16bit	628	_	
	MP4 (E/EC model)	1280 x 720			1.2.00 510	8Mbps (LP)		892	
SD	QuickTime	720 x 480 (U model)	59,94i 50i		4:2:0 8-bit	8Mbps (HQ)	LPCM 2ch 48kHz/16bit	881	
30	(MPEG-4.AVC/H.264)	720 x 576 (E/EC model)			4.2.0 0-510	owipps (FIZ)			
		720 x 480		59.94i		8Mbps (HQ)	μ-law 2ch 16kHz	881	
WEB	QuickTime	720 x 576		50i	4:2:0 8-bit			001	
(Proxy)	(MPEG-4.AVC/H.264)	960 x 540	29.97p/25p/23.98p		4:2:0 6-DIT	3Mbps (HQ)	μ-law zcri loknz	2518	
		480 x 270	29	9.97p/25p/23.98p		1.2Mbps (LP)		5392	
	QuickTime (MPEG-4.AVC/H.264)		120fps	59.94p		70Mbps (XHQ422)	– LPCM 2ch 48kHz/24bit		
			100fps	50p	4:2:2 10-bit			· (Differs by setting)	
			120fps	59.94p/29.97p/23.98p		50Mbps (XHQ422)			
High-			100fps	50p/25p					
Speed			120fps	59.94p/29.97p/23.98p		50Mbps (XHQ) 35Mbps (UHQ)	- LPCM 2ch 48kHz/16bit		
			100fps	50p/25p	4:2:0 8-bit				
			120fps	29.97p/23.98p	4:Z:U 8-bit				
				25p		saividps (UHQ)			

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Simulated pictures.

The values for weight and dimensions are approximate.

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