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GoPro Camera File Naming Convention
by GoPro ADMIN 09-30-2019 07:30 PM - edited 09-16-2020 09:31 AM

Question
What is the file naming convention used for GoPro camera files?

Where does it apply?
- HERO9 Black
- MAX
- HERO8 Black
- HERO7 (White, Silver, & Black)
- HERO6 Black
- Fusion
- HERO (2018)
- HERO5 Black
- HERO5 Session
- HERO4 Black & Silver
- HERO Session / HERO4 Session
- HERO (2014)
- HERO3+
- HERO3
- HD HERO2

Answer
Camera Model: MAX
This table indicates the file-naming convention for various recording types:

360 or HERO	Recording Type	Filename	File Type	Example
360	Video	GSxxxxxx xxxxxx = file number	.360	GS012345 Red number will increase with each chaptered file
360	TimeWarp	GSxxxxxx xxxxxx = file number	.360	GS012346 Red number will increase with each chaptered file
360	Photo	GS_xxxx xxxx = file number	jpeg	GS_1234
360	PowerPano	GP_xxxx xxxx = file number	jpeg	GP_1234
HERO	Video	GHxxxxxx xxxxxx = file number	mp4	GH012345 Red number will increase with each chaptered file
HERO	TimeWarp	GHxxxxxx xxxxxx = file number	mp4	GH012345 Red number will increase with each chaptered file
HERO	Photo	GS_xxxx xxxx = file number	jpg	GS_3456
HERO	TimeLapse Video	GHxxxxxx xxxxxx = file number	mp4	GH012345 Red number will increase with each chaptered file
HERO	TimeLapse Photo	GPAAxxxx xxxx = file number	jpeg	GPAA7112

Camera Model: HERO9 Black, HERO6 Black, & HERO7 (White, Silver, Black), HERO8 Black
This table indicates the file-naming convention for various recording types:

Recording Type	Filename	Example
Single Video	GH01xxxx.mp4 GX01xxxx.mp4 • "H" = AVC encoding • "X" = HEVC encoding • 'xxxx = file number	GH011234.mp4 GX011234.mp4
Chaptered Video	GHzzxxxx.mp4 GXzzxxxx.mp4 • "H" = AVC encoding • "X" = HEVC encoding • 'xxxx' = file number • 'zz' = chapter number	GH011234.mp4 (first video) GH021234.mp4 (2nd chapter of the same video)
	GHYYxxxx.mp4 GXYYxxxx.mp4	

| Looping Video | • "H" = AVC encoding
• "X" = HEVC encoding
• 'xxxx' = file number
• 'YY' = looped prefix | GHAA0001.mp4 (first video)
GHAA0002.mp4 (2nd chapter of the same video) |

Camera Model: Fusion

This table indicates the file-naming convention for various recording types:

Recording Type	Filename	Example
Single Video	Front: GPFRXXXX Back: GPBKXXXX • 'xxxx' = file number	GPFR0001 GPBK0001

Chaptered Video	Front: GPFRXXXX - Clip 1
	     GFZZXXXX - Clip 2
	
	Back: GPBKXXXX - Clip 1
	     GBZZXXXX- Clip 2
	
	• 'xxxx' = file number
	• 'zz' = chapter number
		GPFR0002
		GF010002
		
		GPBK0002
		GB010002

Single Photo	Front: GPFRXXXX Back: GPBKXXXX • 'xxxx' = file number	GPFR0003 GPBK0004

Camera Models: HD HERO2, HERO3, HERO3+, HERO (2014), HERO Session, HERO4, HERO5 Black, HERO5 Session, HERO (2018)

This table indicates the file-naming convention for various recording types:

Recording Type	Filename	Example
Single Video **Single Photo**	**GOPRxxxx.mp4** **GOPRxxxx.jpg** • 'xxxx' = file number	GOPR1234.mp4 GOPR0002.jpg
Chaptered Video	**GPzzxxxx.mp4** • 'xxxx' = file number • 'zz' = chapter number	GOPR1234.mp4 (first video) GP011234.mp4 (1st chapter of the original video) GP021234.mp4 (2nd chapter of the same video)
Burst **Time-Lapse Photo** **Looping Video**	**Gyyyxxxx.jpg** • 'xxxx' = file number • 'yyy' = group number	Burst shot (10x pics): G0231111.jpg – G0231120.jpg Time-lapse shot (100x pics): G0241121.jpg – G0241221.jpg
3D Recording	**3D_Lxxxx.mp4 (left camera)** **3D_Rxxxx.mp4 (right camera)** • 'xxxx' = file number	3D videos: 3D_L0002.mp4 3D_R0002.mp4 3D Photos: 3D_L1234.jpg 3D_R1234.jpg

- 'xxxx' = DCF file number, from 0001-9999
- 'yyy' = GoPro "group" number – a group denotes photos that are part of a "group", such as burst photo shot or a time lapse shot.
- 'zz' = GoPro "chapter" number, from 01-99 – this is the 2nd part of the same video that was forced to split due to file size or other restrictions.

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