

# LUMIX

# GH5S

HYBRIDE PRO



## La référence vidéo en haute sensibilité

- Capteur Live MOS type 4/3 10,2MP
- Suppression du filtre passe-bas
- Technologie Dual Native ISO
- Capteur Ratios Multi-aspect
- Autofocus DFD -5EV ultra précis 225 zones
- Enregistrement vidéo Cinéma 4K 60/50p
- Enregistrement 4K 4:2:2 10bit interne
- Slow Motion 240 ips
- Mode 4K Photo 60i/s
- Rafale 14bit en RAW à 7ips en AFC
- Générateur de Time Code intégré
- Grand viseur OLED 3680K pts (0,76x) 120ips
- Écran LCD 3,2" orientable tactile 1620k pts
- Double Slot SD UHS-II
- Connectivité Bluetooth et Wi-Fi
- Conception tropicalisée et durable



Capteur 10.2 MP et Technologie Dual Native ISO pour des performances vidéo en basse lumière époustouflantes



Cinéma 4K 60/50p pour une définition ultra fluide avec enregistrement 4K 4:2:2 10 bit en interne



Rafale 14 bit en RAW pour une définition ultime des photos en 4,398 milliards de couleurs



DC-GH5SE-K

**Panasonic**



Format fichiers PHOTO		
4:3		3680x2760(L) / 2592x1944(M) / 1824x1368(S) / 3328x2496(4K PHOTO)
3:2		3840x2560(L) / 2736x1824(M) / 1920x1280(S) / 3504x2336(4K PHOTO)
16:9		4016x2256(L) / 2816x1584(M) / 1920x1080(S) / 3840x2160(4K PHOTO)
H		2752x1752(L) / 1936x1368(M) / 1360x960(S) / 2880x2880(4K PHOTO)
Format fichiers VIDEO MOV		
MOV 59.94 Hz	[C4K] 4096x2160  [4K] 3840x2160  [Full HD] 1920x1080	59.94p, 150Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 29.97p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 23.98p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM, High-Res Audio) 23.98p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 59.94p, 150Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 29.97p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM, High-Res Audio) 29.97p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 23.98p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM, High-Res Audio) 23.98p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 59.94p, 200Mbps (4:2:2 10-bit ALL-Intra) (LPCM, High-Res Audio) 59.94p, 100Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 29.97p, 200Mbps (4:2:2 10-bit ALL-Intra) (LPCM, High-Res Audio) 29.97p, 100Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 23.98p, 200Mbps (4:2:2 10-bit ALL-Intra) (LPCM, High-Res Audio) 23.98p, 100Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio)
MOV 50.00 Hz	[C4K] 4096x2160  [4K] 3840x2160  [Full HD] 1920x1080	50.00p, 150Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 25.00p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 50.00p, 150Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 25.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM, High-Res Audio) 25.00p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 50.00p, 200Mbps (4:2:2 10-bit ALL-Intra) (LPCM, High-Res Audio) 50.00p, 100Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 25.00p, 200Mbps (4:2:2 10-bit ALL-Intra) (LPCM, High-Res Audio) 25.00p, 100Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio)
MOV 24.00 Hz	[C4K] 4096x2160  [4K] 3840x2160  [Full HD] 1920x1080	24.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM, High-Res Audio) 24.00p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 24.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM, High-Res Audio) 24.00p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 24.00p, 200Mbps (4:2:2 10-bit ALL-Intra) (LPCM, High-Res Audio) 24.00p, 100Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio)
Format fichiers VIDEO MP4		
MP4 59.94 Hz	[C4K] 4096x2160  [4K] 3840x2160  [Full HD] 1920x1080	59.94p, 150Mbps (4:2:0 8-bit LongGOP) (LPCM) 29.97p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM) 23.98p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM) 23.98p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM) 59.94p, 150Mbps (4:2:0 8-bit LongGOP) (LPCM) 29.97p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM) 29.97p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (AAC) 23.98p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM) 23.98p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (AAC) 29.97p, 72Mbps (4:2:0 10-bit LongGOP) (AAC) (HEVC, HLG recording) 23.98p, 72Mbps (4:2:0 10-bit LongGOP) (AAC) (HEVC, HLG recording) 59.94p, 200Mbps (4:2:2 10-bit ALL-Intra) (LPCM) 59.94p, 100Mbps (4:2:2 10-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM) 29.97p, 200Mbps (4:2:2 10-bit ALL-Intra) (LPCM) 29.97p, 100Mbps (4:2:2 10-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM) 23.98p, 200Mbps (4:2:2 10-bit ALL-Intra) (LPCM) 23.98p, 100Mbps (4:2:2 10-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM) 59.94p, 28Mbps (4:2:0 8-bit LongGOP) (AAC) 29.97p, 20Mbps (4:2:0 8-bit LongGOP) (AAC) 23.98p, 24Mbps (4:2:0 8-bit LongGOP) (AAC)
MP4 50.00 Hz	[C4K] 4096x2160  [4K] 3840x2160  [Full HD] 1920x1080	50.00p, 150Mbps (4:2:0 8-bit LongGOP) (LPCM) 25.00p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM) 50.00p, 150Mbps (4:2:0 8-bit LongGOP) (LPCM) 25.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM) 25.00p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (AAC) 25.00p, 72Mbps (4:2:0 10-bit LongGOP) (AAC) (HEVC, HLG recording) 50.00p, 200Mbps (4:2:2 10-bit ALL-Intra) (LPCM) 50.00p, 100Mbps (4:2:2 10-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM) 25.00p, 200Mbps (4:2:2 10-bit ALL-Intra) (LPCM) 25.00p, 100Mbps (4:2:2 10-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM) 50.00p, 28Mbps (4:2:0 8-bit LongGOP) (AAC) 25.00p, 20Mbps (4:2:0 8-bit LongGOP) (AAC)
MP4 24.00 Hz	[C4K] 4096x2160  [4K] 3840x2160  [Full HD] 1920x1080	24.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM) 24.00p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM) 24.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM) 24.00p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM) 24.00p, 200Mbps (4:2:2 10-bit ALL-Intra) (LPCM) 24.00p, 100Mbps (4:2:2 10-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM) 24.00p, 24Mbps (4:2:0 8-bit LongGOP) (AAC)
Format fichiers VIDEO AVCHD		
AVCHD / AVCHD Prog 59.94 Hz	[Full HD] 1920x1080	59.94p, 28Mbps (LongGOP) (Dolby) 59.94i, 24Mbps (LongGOP) (Dolby) (Sensor output is 29.97fps) 59.94i, 17Mbps (LongGOP) (Dolby) (Sensor output is 59.94fps) 23.98p, 24Mbps (LongGOP) (Dolby)
AVCHD / AVCHD Prog 50.00 Hz	[Full HD] 1920x1080	50.00p, 28Mbps (LongGOP) (Dolby) 50.00i, 24Mbps (LongGOP) (Dolby) (Sensor output is 25.00fps) 50.00i, 17Mbps (LongGOP) (Dolby) (Sensor output is 50.00fps)
Temps enregistrement vidéo		
Continu**		AVCHD [FHD/60p]: Approx. 130 min (écran), 130 min (LVF) avec H-FSI2060 AVCHD [FHD/60i]: Approx. 130 min (écran), 130 min (LVF) avec H-FSI2060 MP4 [4K/60p]: Approx. 120 min (écran), 120 min (LVF) avec H-FSI2060 MP4 [4K/30p]: Approx. 120 min (écran), 110 min (LVF) avec H-FSI2060
Effectif**		AVCHD [FHD/60p]: Approx. 65 min (écran), 65 min (LVF) avec H-FSI2060 AVCHD [FHD/60i]: Approx. 65 min (écran), 65 min (LVF) avec H-FSI2060 MP4 [4K/60p]: Approx. 60 min (écran), 60 min (LVF) avec H-FSI2060 MP4 [4K/30p]: Approx. 60 min (écran), 55 min (LVF) avec H-FSI2060

Variable Frame Rate (VFR)	
VFR 59.94 Hz	MOV/MP4(LPCM)/FHD/59.94p 2, 30, 56, 58, 60, 62, 64, 90, 120, 150, 180, 210, 240 ips MOV/MP4(LPCM)/4K/29.97p, MOV/MP4(LPCM)/C4K/29.97p, AVCHD/FHD/29.97p 2, 15, 26, 28, 30, 32, 34, 45, 60 ips MOV/MP4(LPCM)/FHD/29.97p 2, 15, 26, 28, 30, 32, 34, 45, 60, 75, 90, 105, 120, 135, 150, 165, 180, 195, 210, 225, 240 ips MOV/MP4(LPCM)/4K/23.98p, MOV/MP4(LPCM)/C4K/23.98p, AVCHD/FHD/23.98p 2, 12, 20, 22, 24, 26, 28, 36, 48, 60 ips MOV/MP4(LPCM)/FHD/23.98p 2, 12, 20, 22, 24, 26, 28, 36, 48, 60, 72, 84, 96, 108, 120, 132, 144, 156, 168, 180, 192, 204, 216, 228, 240 ips
VFR 50.00 Hz	MOV/MP4(LPCM)/FHD/50.00p 2, 25, 46, 48, 50, 52, 54, 75, 100, 125, 150, 200, 240 ips MOV/MP4(LPCM)/4K/25.00p, MOV/MP4(LPCM)/C4K/25.00p, AVCHD/FHD/25.00p 2, 12, 21, 23, 25, 27, 30, 37, 60 ips MOV/MP4(LPCM)/FHD/25.00p 2, 12, 21, 23, 25, 27, 30, 37, 50, 62, 75, 87, 100, 112, 125, 137, 150, 175, 200, 225, 240 ips
VFR 24.00 Hz	MOV/MP4(LPCM)/C4K/24.00p, MOV/MP4(LPCM)/4K/24.00p 2, 12, 20, 22, 24, 26, 28, 36, 48, 60 ips MOV/MP4(LPCM)/FHD/24.00p 2, 12, 20, 22, 24, 26, 28, 36, 48, 60, 72, 84, 96, 108, 120, 132, 144, 156, 168, 180, 192, 204, 216, 228, 240 ips
Mode Anamorphique 4K (4:3)	
MOV 59.94Hz / 3328x2496	59.94p, 150Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 29.97p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM, High-Res Audio) 29.97p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 23.98p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM, High-Res Audio) 23.98p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio)
MOV 50.00Hz / 3328x2496	50.00p, 150Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio) 25.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM, High-Res Audio) 25.00p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio)
MOV 24.00Hz / 3328x2496	24.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM, High-Res Audio) 24.00p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM, High-Res Audio) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM, High-Res Audio)
MP4 59.94Hz / 3328x2496	59.94p, 150Mbps (4:2:0 8-bit LongGOP) (LPCM) 29.97p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM) 29.97p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM) 23.98p, 400Mbps (4:2:2 10-bit ALL-Intra) (LPCM) 23.98p, 150Mbps (4:2:2 10-bit LongGOP) (LPCM) / 100Mbps (4:2:0 8-bit LongGOP) (LPCM)
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Fonctions vidéo pro	
Durée d'enregistrement	Sans limitation de durée, lié à la capacité de la carte SD ou de l'enregistreur externe.
Master pedestal (niveaux noir)	31 paliers
Niveau de luminance	8-bit: 0-255 / 16-235 / 16-255 10-bit: 0-1023 / 64-940 / 64-1023
Vectorscope	Oui sélectionnable
Affichage LUT	Affichage LUT écran / Affichage LUT HDMI
Synchro Scan	Oui
Time Code	Count Up; Rec Run/Free Run sélectionnable, Time Code Mode: Drop frame/Non-drop frame sélectionnable (Lorsque le système de fréquence 59.94Hz est sélectionné)
SS / Gain	Durée d'obturation / ISO / Angle / ISO / Durée d'obturation / dB
Barre de couleurs / Test Ton Khz	Oui (SMPTE / EBU / ARIB) / Oui
Réglage de Coude	Oui en mode Like709

## ACCESSOIRES STANDARDS



Batterie additionnelle  
**DMW-BLF19E**  
EAN: 5025232702121



Grip batterie dédié  
**DMW-BGGH5E**  
EAN: 5025232857371



Flash cobra externe  
**DMW-FL580LE**  
EAN: 5025232786510

## ACCESSOIRES VIDÉO



Microphone Externe  
**DMW-MS2E**  
EAN: 5025232702107



Microphone Externe  
**VW-VMS10E-K**  
EAN: 5025232707904