



LUMIX-kamera i boksstil DC-BS1H

TYPE

Type	Digital Single Lens Mirrorless camera
Lens mount	L-Mount
Recording media	SD Memory Card / SDHC Memory Card* / SDXC Memory Card* *Compatible with UHS-I/UHS-II UHS Speed Class 3 standard SDHC/SDXC Memory Cards and UHS-II Video Speed Class 90 standard SDXC Memory Cards.

IMAGE SENSOR

Type	35mm full-frame (35.6mm x 23.8mm) CMOS sensor
Camera effective pixels / Total pixels	24.20 megapixels / 25.28 megapixels
AR (Anti Reflection) coating	Yes
Aspect ratio / Color filter	3:2 / Primary color filter
Dust reduction system	-

LATITUDE

Latitude	14+ stops (V-Log)
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STILL IMAGE

Recording file format	JPEG (DCF, Exif 2.31) *Tethered photo shooting with LUMIX Tether for Multicam software
Aspect ratio	3:2
File size (Pixels)	When using full-frame lenses: 6000x4000(L) / 4272x2848(M) / 3024x2016(S) When using APS-C/Super 35mm lenses: 3888x2592(L) / 2784x1856(M) / 1968x1312(S)
Image quality	Fine / Standard
Color space	sRGB
Burst shooting	-

MOTION PICTURE

Recording file format	MOV: H.264/MPEG-4 AVC, H.265/HEVC (Audio format: LPCM (2ch 48kHz/16-bit, 48kHz/24-bit*, 96kHz/24-bit*)) *When attaching DMW-XLR1 (sold separately). MP4: H.264/MPEG-4 AVC, H.265/HEVC (Audio format: AAC (2ch))	
System frequency	59.94Hz / 50.00Hz / 24.00Hz	
MOV (*2) (*3)	59.94Hz FULL	[6K] 5952x3968 (3:2), 23.98p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1) [5.4K] 5376x3584 (3:2), 29.97p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1) [5.9K] 5888x3312 (16:9), 29.97p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1) [5.9K] 5888x3312 (16:9), 23.98p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1) [C4K] 4096x2160, 29.97p, 400Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [C4K] 4096x2160, 29.97p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [C4K] 4096x2160, 29.97p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) [C4K] 4096x2160, 23.98p, 400Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [C4K] 4096x2160, 23.98p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [C4K] 4096x2160, 23.98p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) [4K] 3840x2160, 29.97p, 400Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [4K] 3840x2160, 29.97p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [4K] 3840x2160, 29.97p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) [4K] 3840x2160, 23.98p, 400Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [4K] 3840x2160, 23.98p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [4K] 3840x2160, 23.98p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) [FHD] 1920x1080, 119.88p, 150Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 59.94p, 200Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 59.94p, 100Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 59.94p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) [FHD] 1920x1080, 59.94i, 100Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 59.94i, 50Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 47.95p, 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 29.97p, 200Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 29.97p, 100Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 29.97p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) [FHD] 1920x1080, 23.98p, 200Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

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	[FHD] 1920x1080, 59.94i, 100Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 59.94i, 50Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 47.95p, 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 29.97p, 200Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 29.97p, 100Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 29.97p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) [FHD] 1920x1080, 23.98p, 200Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 23.98p, 100Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 23.98p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio)
50.00Hz FULL	[5.4K] 5376x3584 (3:2), 25.00p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1) [5.9K] 5888x3312 (16:9), 25.00p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1) [C4K] 4096x2160, 25.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [C4K] 4096x2160, 25.00p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [C4K] 4096x2160, 25.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) [4K] 3840x2160, 25.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [4K] 3840x2160, 25.00p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [4K] 3840x2160, 25.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) [FHD] 1920x1080, 100.00p, 150Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 50.00p, 200Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 50.00p, 100Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 50.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) [FHD] 1920x1080, 50.00i, 100Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 50.00i, 50Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 25.00p, 200Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 25.00p, 100Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 25.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio)
50.00Hz S35mm / PIXEL/PIXEL	[C4K] 4096x2160, 50.00p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1) [C4K] 4096x2160, 50.00p, 150Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) [C4K] 4096x2160, 25.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [C4K] 4096x2160, 25.00p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [C4K] 4096x2160, 25.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio)



[4K] 3840x2160, 50.00p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1)

[4K] 3840x2160, 50.00p, 150Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio)

[4K] 3840x2160, 25.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

[4K] 3840x2160, 25.00p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

[4K] 3840x2160, 25.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio)

[Anamorphic 4K] 3328x2496 (4:3), 50.00p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1)

[Anamorphic 4K] 3328x2496 (4:3), 50.00p, 150Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio)

[Anamorphic 4K] 3328x2496 (4:3), 25.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

[Anamorphic 4K] 3328x2496 (4:3), 25.00p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

[Anamorphic 4K] 3328x2496 (4:3), 25.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio)

[FHD] 1920x1080, 100.00p, 150Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1)

*When S35mm is selected. HLG is selectable.

[FHD] 1920x1080, 50.00p, 200Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

[FHD] 1920x1080, 50.00p, 100Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

[FHD] 1920x1080, 50.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio)

[FHD] 1920x1080, 50.00i, 100Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

[FHD] 1920x1080, 50.00i, 50Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

[FHD] 1920x1080, 25.00p, 200Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

[FHD] 1920x1080, 25.00p, 100Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

[FHD] 1920x1080, 25.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio)

24.00Hz FULL

[6K] 5952x3968 (3:2), 24.00p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1)

[5.9K] 5888x3312 (16:9), 24.00p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1)

[C4K] 4096x2160, 24.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

[C4K] 4096x2160, 24.00p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

[C4K] 4096x2160, 24.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio)

[4K] 3840x2160, 24.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

[4K] 3840x2160, 24.00p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

[4K] 3840x2160, 24.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio)

[FHD] 1920x1080, 48.00p, 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1)

[FHD] 1920x1080, 24.00p, 200Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

[FHD] 1920x1080, 24.00p, 100Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1)

[FHD] 1920x1080, 24.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio)



	24.00Hz S35mm / PIXEL/PIXEL	[C4K] 4096x2160, 48.00p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1) [C4K] 4096x2160, 24.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [C4K] 4096x2160, 24.00p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [C4K] 4096x2160, 24.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) [4K] 3840x2160, 48.00p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1) [4K] 3840x2160, 24.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [4K] 3840x2160, 24.00p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [4K] 3840x2160, 24.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) [Anamorphic 4K] 3328x2496 (4:3), 48.00p, 200Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1) [Anamorphic 4K] 3328x2496 (4:3), 24.00p, 400Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [Anamorphic 4K] 3328x2496 (4:3), 24.00p, 150Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [Anamorphic 4K] 3328x2496 (4:3), 24.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) [FHD] 1920x1080, 48.00p, 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 24.00p, 200Mbps (4:2:2 10-bit ALL-Intra) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 24.00p, 100Mbps (4:2:2 10-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio) (*1) [FHD] 1920x1080, 24.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM, High-Res Audio)
MP4 (*3)	59.94Hz FULL	[4K] 3840x2160, 29.97p, 72Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, AAC) (*1) [4K] 3840x2160, 23.98p, 72Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, AAC) (*1) [4K] 3840x2160, 29.97p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC) [4K] 3840x2160, 23.98p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC) [FHD] 1920x1080, 59.94p, 28Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC) [FHD] 1920x1080, 29.97p, 20Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC) [FHD] 1920x1080, 23.98p, 24Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)
	59.94Hz S35mm / PIXEL/PIXEL	[4K] 3840x2160, 59.94p, 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, AAC) (*1) [4K] 3840x2160, 29.97p, 72Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, AAC) (*1) [4K] 3840x2160, 23.98p, 72Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, AAC) (*1) [4K] 3840x2160, 29.97p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC) [4K] 3840x2160, 23.98p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC) [FHD] 1920x1080, 59.94p, 28Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC) [FHD] 1920x1080, 29.97p, 20Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC) [FHD] 1920x1080, 23.98p, 24Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)



	50.00Hz FULL	[4K] 3840x2160, 25.00p, 72Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, AAC) (*1) [4K] 3840x2160, 25.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC) [FHD] 1920x1080, 50.00p, 28Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC) [FHD] 1920x1080, 25.00p, 20Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)
	50.00Hz S35mm / PIXEL/PIXEL	[4K] 3840x2160, 50.00p, 100Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, AAC) (*1) [4K] 3840x2160, 25.00p, 72Mbps (4:2:0 10-bit LongGOP) (H.265/HEVC, AAC) (*1) [4K] 3840x2160, 25.00p, 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC) [FHD] 1920x1080, 50.00p, 28Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC) [FHD] 1920x1080, 25.00p, 20Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, AAC)
	24.00Hz	-
Variable frame rate, MOV (*3)	59.94Hz FULL	[FHD] 1920x1080, 59.94p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)* [FHD] 1920x1080, 29.97p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)* [FHD] 1920x1080, 23.98p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)* *Angle of view narrows if you select a frame rate with a number of frames 151 or more.
	59.94Hz S35mm	[C4K] 4096x2160, 29.97p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [C4K] 4096x2160, 23.98p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [4K] 3840x2160, 29.97p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [4K] 3840x2160, 23.98p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [Anamorphic 4K] 3328x2496 (4:3), 29.97p (Maximum output of sensor is 50fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [Anamorphic 4K] 3328x2496 (4:3), 23.98p (Maximum output of sensor is 48fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [FHD] 1920x1080, 59.94p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)* [FHD] 1920x1080, 29.97p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)* [FHD] 1920x1080, 23.98p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)* *Angle of view narrows if you select a frame rate with a number of frames 151 or more.
	59.94Hz PIXEL/PIXEL	[C4K] 4096x2160, 29.97p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [C4K] 4096x2160, 23.98p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [4K] 3840x2160, 29.97p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [4K] 3840x2160, 23.98p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [Anamorphic 4K] 3328x2496 (4:3), 29.97p (Maximum output of sensor is 50fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)



	[Anamorphic 4K] 3328x2496 (4:3), 23.98p (Maximum output of sensor is 48fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [FHD] 1920x1080, 29.97p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [FHD] 1920x1080, 23.98p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)
50.00Hz FULL	[FHD] 1920x1080, 50.00p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)* [FHD] 1920x1080, 25.00p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)* *Angle of view narrows if you select a frame rate with a number of frames 151 or more.
50.00Hz S35mm	[C4K] 4096x2160, 25.00p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [4K] 3840x2160, 25.00p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [Anamorphic 4K] 3328x2496 (4:3), 25.00p (Maximum output of sensor is 50fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [FHD] 1920x1080, 50.00p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)* [FHD] 1920x1080, 25.00p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)* *Angle of view narrows if you select a frame rate with a number of frames 151 or more.
50.00Hz PIXEL/PIXEL	[C4K] 4096x2160, 25.00p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [4K] 3840x2160, 25.00p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [Anamorphic 4K] 3328x2496 (4:3), 25.00p (Maximum output of sensor is 50fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [FHD] 1920x1080, 25.00p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)
24.00Hz FULL	[FHD] 1920x1080, 24.00p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)* *Angle of view narrows if you select a frame rate with a number of frames 151 or more.
24.00Hz S35mm	[C4K] 4096x2160, 24.00p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [4K] 3840x2160, 24.00p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [Anamorphic 4K] 3328x2496 (4:3), 24.00p (Maximum output of sensor is 48fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [FHD] 1920x1080, 24.00p (Maximum output of sensor is 180fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)* *Angle of view narrows if you select a frame rate with a number of frames 151 or more.
24.00Hz PIXEL/PIXEL	[C4K] 4096x2160, 24.00p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [4K] 3840x2160, 24.00p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [Anamorphic 4K] 3328x2496 (4:3), 24.00p (Maximum output of sensor is 48fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM) [FHD] 1920x1080, 24.00p (Maximum output of sensor is 60fps), 100Mbps (4:2:0 8-bit LongGOP) (H.264/MPEG-4 AVC, LPCM)



HDMI RAW DATA OUTPUT

Compatible external devices	ATOMOS Ninja V 4K HDR Monitor-Recorder *Selectable recording mode depends on the firmware version of Atomos Ninja V. *Please refer to the Atomos website for the information on the corresponding firmware version of Atomos Ninja V. *Software that supports Apple ProRes RAW is required to edit RAW video recorded with NINJA V. Apply the LUT (Look up table) available on the following customer supports site to make the same color grading as V-Log/V-Gamut https://panasonic.jp/support/global/cs/dsc/download/lut/s1h_raw_lut/ *All functions may not be available depending on the situation.	
	Blackmagic Video Assist 5" 12G HDR, Blackmagic Video Assist 7" 12G HDR *Selectable recording mode depends on the firmware version of Blackmagic Video Assist 12G HDR. *Please refer to the Blackmagic Design website for the information on the corresponding firmware version of the Blackmagic Video Assist 12G HDR. *DaVinci Resolve or DaVinci Resolve Studio is required to play back and edit Blackmagic RAW data. DaVinci Resolve Studio is required to deliver projects using Blackmagic RAW data in resolutions over 3840x2160. *All functions may not be available depending on the situation.	
Rec quality	59.94Hz FULL	[5.9K] 5888x3312 (16:9), 29.97p, 12-bit (LPCM) [5.9K] 5888x3312 (16:9), 23.98p, 12-bit (LPCM)
	59.94Hz S35mm	[4K] 4128x2176 (17:9), 59.94p, 12-bit (LPCM) [4K] 4128x2176 (17:9), 29.97p, 12-bit (LPCM) [4K] 4128x2176 (17:9), 23.98p, 12-bit (LPCM) [Anamorphic 3.5K] 3536x2656 (4:3), 29.97p, 12-bit (LPCM) [Anamorphic 3.5K] 3536x2656 (4:3), 23.98p, 12-bit (LPCM)
	50.00Hz FULL	[5.9K] 5888x3312 (16:9), 25.00p, 12-bit (LPCM)
	50.00Hz S35mm	[4K] 4128x2176 (17:9), 50.00p, 12-bit (LPCM) [4K] 4128x2176 (17:9), 25.00p, 12-bit (LPCM) [Anamorphic 3.5K] 3536x2656 (4:3), 50.00p, 12-bit (LPCM) [Anamorphic 3.5K] 3536x2656 (4:3), 25.00p, 12-bit (LPCM)
Audio format	LPCM (2ch 48kHz/16-bit, 48kHz/24-bit*, 96kHz/24-bit*) *High-res audio is selectable only when using the DMW-XLR1 (sold separately).	

IP STREAMING

Protocol	RTP / RTSP	
Streaming quality	59.94Hz	[4K] 3840x2160, 59.94p, 50Mbps / 25Mbps (H.265) [4K] 3840x2160, 59.94p, 50Mbps / 25Mbps (H.264) [4K] 3840x2160, 29.97p, 25Mbps / 12.5Mbps (H.265) [4K] 3840x2160, 29.97p, 25Mbps / 12.5Mbps (H.264) [FHD] 1920x1080, 59.94p, 20Mbps / 16Mbps (H.265) [FHD] 1920x1080, 59.94p, 16Mbps / 8Mbps (H.264) [FHD] 1920x1080, 29.97p, 12Mbps / 6Mbps (H.265) [FHD] 1920x1080, 29.97p, 6Mbps / 3Mbps (H.264) [HD] 1280x720, 59.94p, 6Mbps (H.264) [HD] 1280x720, 29.97p, 4Mbps (H.264)
	50.00Hz	[4K] 3840x2160, 50.00p, 50Mbps / 25Mbps (H.265) [4K] 3840x2160, 50.00p, 50Mbps / 25Mbps (H.264) [4K] 3840x2160, 25.00p, 25Mbps / 12.5Mbps (H.265) [4K] 3840x2160, 25.00p, 25Mbps / 12.5Mbps (H.264) [FHD] 1920x1080, 50.00p, 20Mbps / 16Mbps (H.265) [FHD] 1920x1080, 50.00p, 16Mbps / 8Mbps (H.264) [FHD] 1920x1080, 25.00p, 12Mbps / 6Mbps (H.265) [FHD] 1920x1080, 25.00p, 6Mbps / 3Mbps (H.264)



[HD] 1280x720, 50,00p, 6Mbps (H.264)

[HD] 1280x720, 25,00p, 4Mbps (H.264)

RTSP port	Change (Up to 65535) / Default (554)
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MONITOR

Viewfinder	-
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Rear monitor	-
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Status LCD	-
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FOCUS

Type	Contrast AF system
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DFD technology	Yes
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Focus mode	AF / MF
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AF detectable range	EV -6 - 20 (F1.4, ISO100 equivalent, AF)
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AF mode	Motion picture: Auto Detection (Face, Eye, Body, Animal) / Tracking / 225-Area / Zone (Oval) / 1-Area Still image: Auto Detection (Face, Eye, Body, Animal) / 225-Area / 1-Area *Tethered photo shooting with LUMIX Tether for Multicam software
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AF custom setting (Video)	AF Speed, AF Sensitivity
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AF lock	Set the Fn button in custom menu to AF lock
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Focus ring control	Nonlinear / Linear* (90° / 120° / 150° / 180° / 210° / 240° / 270° / 300° / 330° / 360° / 720° / 1080° / Maximum) *When a compatible lens is attached.
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Others	AF-ON, Continuous AF, AF+MF, MF Assist, MF Guide, 1-Area AF Moving Speed, Focus Ring Lock, Focus Peaking, Lens Focus Resume
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EXPOSURE CONTROL

Light metering system	1,728-zone multi-pattern sensing system
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Light metering mode	Multiple / Center Weighted / Spot / Highlight Weighted
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Metering range	EV0-18 (F2.0 lens, ISO100 equivalent)
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Exposure mode	Program AE / Aperture Priority AE / Shutter Priority AE / Manual Exposure
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Exposure compensation	Motion picture: 1/3 EV step ±3EV Still image: 1/3 EV step ±5EV *Tethered photo shooting with LUMIX Tether for Multicam software
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ISO sensitivity (Standard output sensitivity)	Auto / 50* / 100 / 200 / 400 / 800 / 1600 / 3200 / 6400 / 12800 / 25600 / 51200 / 102400* / 204800* (Changeable to 1/3 EV step) *Extended ISO
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Dual Native ISO	[Normal]
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Native ISO: 100, 640
Auto: Auto / 50* / 100-51200 / 102400* / 204800* *Extended ISO
Low: Auto / 50* / 100-800 *Extended ISO
High: Auto / 320* / 640-51200 / 102400* / 204800* *Extended ISO

[V-Log]
Native ISO: 640, 4000
Auto: Auto / 320* / 640-51200 *Extended ISO
Low: Auto / 320* / 640-5000 *Extended ISO
High: Auto / 2000* / 4000-51200 *Extended ISO

[HLG]
Native ISO: 400, 2500
Auto: Auto / 400-51200 / 102400* / 204800* *Extended ISO
Low: Auto / 400-3200
High: Auto / 2500-51200 / 102400* / 204800* *Extended ISO

[Cinelike D2 / Cinelike V2]
Native ISO: 200, 1250
Auto: Auto / 100* / 200-51200 / 102400* / 204800* *Extended ISO
Low: Auto / 100* / 200-1600 *Extended ISO
High: Auto / 640* / 1250-51200 / 102400* / 204800* *Extended ISO

AE lock	Set the Fn button in custom menu to AE lock
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IMAGE STABILIZATION SYSTEM

Body I.S.	-
Boost I.S. (Video)	Yes *When a compatible lens equipped with O.I.S. is attached.

WHITE BALANCE

White balance	AWB / AWBc / AWBw / Daylight / Cloudy / Shade / Incandescent / White Set 1, 2, 3, 4 / Color temperature setting 1, 2, 3, 4
White balance adjustment	Blue/Amber bias, Magenta/Green bias
Color temperature setting	2500-10000K in 100K

SHUTTER

Type	-
Shutter speed	Motion picture: 1/16,000 - 1/2 Still image: 1/8,000 - 1 *Tethered photo shooting with LUMIX Tether for Multicam software

PHOTO STYLE / FILTER

Photo style	Standard / Vivid / Natural / Flat / Landscape / Portrait / Monochrome / L. Monochrome / L. Monochrome D / Cinelike D2 / Cinelike V2 / Like709 / V-Log / Like2100 (HLG) / My Photo Style 1-10 Picture adjustment: Contrast / Highlight / Shadow / Saturation / Color Tone / Hue / Filter Effect / Sharpness / Noise Reduction / Dual native ISO / ISO / WB *Adjustable settings vary depending on the Photo Style mode.
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Filter	Expressive / Retro / Old Days / High Key / Low Key / Sepia / Monochrome / Dynamic Monochrome / Impressive Art / High Dynamic / Cross Process / Toy Effect / Toy Pop / Bleach Bypass / Miniature Effect / Fantasy / One Point Color
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OTHER FUNCTIONS

Vertical position information	ON / OFF	
SS/Gain operation	Shutter Duration/ISO / Angle/ISO / Shutter Duration/dB	
Luminance level	8-bit: 0-255 / 16-235 / 16-255 10-bit: 0-1023 / 64-940 / 64-1023	
Synchro scan	Yes	
Master pedestal level	31 steps	
Knee control	Yes (in Like709 mode)	
Level Gauge	Yes	
V-Log view assist	Rec / Playback: HDMI / SDI	
HLG view assist	Rec / Playback: HDMI (AUTO / MODE1 / MODE2 / OFF) / SDI (MODE1 / MODE2 / OFF)	
Anamorphic desqueeze display	2.0x / 1.8x / 1.5x / 1.33x / 1.30x / OFF Rec: SDI Playback: HDMI / SDI	
Color bars / 1kHz test tone	Yes (SMPTE / EBU / ARIB) / Yes	
Other functions	Red REC Frame Indicator, Streaming Blue Frame Indicator	
Function button	REC	Exposure Mode / Aperture Value / Shutter Speed / Exposure Comp. / Dual Native ISO Setting / Sensitivity / White Balance / Photo Style / Metering Mode / i.Dynamic Range / Filter Effect / One Push AE / Synchro Scan / Focus Mode / AF Mode / AF Custom Setting (Video) / Focus Peaking / Focus Peaking Sensitivity / 1-Area AF Moving Speed / Focus Ring Lock / AE LOCK / AF LOCK / AF/AE LOCK / AF-ON / AF-ON: Near Shift / AF-ON: Far Shift / Focus Area Set / Rec File Format / Rec Quality / Rec Quality (My List) / Variable Frame Rate / Time Code Display / HDMI RAW Data Output / Sound Rec Level Disp. / Mute Sound Input / Sound Rec Level Adj. / Sound Rec Level Limiter / XLR Mic Adaptor Setting / Special Mic. Directivity Adjust / Image Stabilizer / E-Stabilization (Video) / Boost I.S. (Video) / Image Area of Video / Focus Transition / Live Cropping / Q.MENU / Rec/Playback Switch / Video Record / Display Information / Level Gauge / Histogram / Luminance Spot Meter / Frame Marker / Zebra Pattern / LUT View Assist (HDMI) / LUT View Assist (SDI) / LUT Select / HLG View Assist (HDMI) / HLG View Assist (SDI) / Anamorphic Desqueeze Display / Color Bars / Focus Ring Control / Destination Card Slot / LAN/Wi-Fi / Info Display (HDMI/SDI) / Fan Mode / No Setting / Off (Disable Press and Hold) / Restore to Default
	PLAY	Anamorphic Desqueeze Display / Delete Single / Protect / Rating 1, 2, 3, 4, 5 / Copy / Rec/Playback Switch / Video Record / Display Information / Card Slot Change / LAN/Wi-Fi / Info Display (HDMI/SDI) / Fan Mode / LUT View Assist (HDMI) / LUT View Assist (SDI) / HLG View Assist (HDMI) / HLG View Assist (SDI) / No Setting / Off (Disable Press and Hold) / Restore to Default
Operation lock	Yes with Operation Lock Switch	

INTERFACE

USB	SuperSpeed USB 3.1 Gen1 Type-C	
DC IN	DC 12V (11.4-12.6V), EIAJ Type4	
HDMI (*4)	HDMI TypeA Audio: Stereo Monitor-through 4:2:2 10bit (When [Rec Quality] is set to [4:2:2 10bit] or [4:2:0 10bit].) 4:2:2 8bit (When [Rec Quality] is set to [4:2:0 8bit].) Down Convert: Auto / 4K/30p/25p / 1080p / 1080i / OFF Playback 59.94Hz: Auto / C4K/59.94p / C4K/29.97p / C4K/23.98p / 4K/59.94p / 4K/29.97p / 4K/23.98p / 1080/59.94p / 1080/29.97p / 1080/23.98p / 1080/59.94i / 720/59.94p / 480/59.94p 50.00Hz: Auto / C4K/50.00p / C4K/25.00p / 4K/50.00p / 4K/25.00p / 1080/50.00p / 1080/25.00p / 1080/50.00i / 720/50.00p / 576/50.00p 24.00Hz: Auto / C4K/24.00p / 4K/24.00p / 1080/24.00p	
SDI	BNC Terminal, 0.8V [p-p], 75Ω, 3G-SDI Level-A / HD-SDI Audio: Stereo, SDI Sound Output Gain Adj.: 0dB / -6dB / -8dB Monitor-through 4:2:2 10bit *The bit accuracy is 8 bits when the 8-bit recording mode is selected. Playback 59.94Hz: 1080/59.94p LEVEL-A / 1080/29.97p / 1080/23.98p / 1080/59.94i / 1080/29.97PsF / 1080/23.98PsF / 720/59.94p 50.00Hz: 1080/50.00p LEVEL-A / 1080/25.00p / 1080/50.00i / 1080/25.00PsF / 720/50.00p 24.00Hz: 1080/24.00PsF	
Ethernet	Remote Control: LAN Terminal (RJ-45) Power Supply: PoE+ (IEEE802.3at compliant) *Use an IEC60950-1 or IEC62368-1 compliant PoE+ (IEEE802.3at compliant) hub or power supplying device.	
Remote input	φ2.5mm	
Microphone	Stereo, Wind Noise Canceller: OFF / Low* / Standard / High *When attaching DMW-MS2 (sold separately).	
Speaker	-	
External microphone / external audio device input	φ3.5mm for external microphone / external audio device MIC (Plug-in Power) / MIC / LINE is selectable. Stereo/Lens Auto/Shotgun/Super Shotgun/Manual is selectable when attaching DMW-MS2 (sold separately).	
XLR microphone	Yes with DMW-XLR1 (sold separately)	
Headphone output	φ3.5mm	
SD card slot	Slot 1, Slot 2	
TC IN/OUT	Count up	Rec Run / Free Run
	Time code mode	Drop Frame / Non-Drop Frame (When system frequency [59.94Hz] is selected.)
	HDMI time code output	ON / OFF



	SDI time code output	ON / OFF
	External TC setting	TC Synchronization / TC Output Reference
Genlock IN	Genlock IN	ON / OFF
	Horizontal phase synchronization	-206 - +49
Fan	Auto1 / Auto2 / Normal / Slow	
Lamp	Tally Lamp (front/rear) / Card Access Lamp / Power LED / Network LED	
Flash	-	

WIRELESS

Wi-Fi	2.4GHz (STA/AP), IEEE 802.11b/g/n, 2412 MHz - 2462 MHz (1-11 ch), Wi-Fi / WPA / WPA2, Infrastructure mode
Bluetooth	Bluetooth® v4.2 (Bluetooth Low Energy (BLE))

POWER

Direct power supply	AC Adaptor (12V, 3A) (bundled) Li-ion Battery Pack (7.28V) (sold separately) PoE+ (IEEE802.3at compliant) (sold separately)
Battery	Li-ion Battery Pack AG-VBR59 (7.28V, 5900mAh, 43Wh) (sold separately) Li-ion Battery Pack AG-VBR89 (7.28V, 8850mAh, 65Wh) (sold separately) Li-ion Battery Pack AG-VBR118 (7.28V, 11800mAh, 86Wh) (sold separately)
Continuous recordable time (Motion picture) (*3)	MP4 [4K/60p]: Approx. 230 min (S35mm), MP4 [FHD/60p]: Approx. 300 min (FULL) *When using S-R24105 and AG-VBR59 (sold separately). When the battery is fully charged. MP4 [4K/60p]: Approx. 360 min (S35mm), MP4 [FHD/60p]: Approx. 470 min (FULL) *When using S-R24105 and AG-VBR89 (sold separately). When the battery is fully charged. MP4 [4K/60p]: Approx. 480 min (S35mm), MP4 [FHD/60p]: Approx. 630 min (FULL) *When using S-R24105 and AG-VBR118 (sold separately). When the battery is fully charged.
Actual recordable time (Motion picture) (*3)	MP4 [4K/60p]: Approx. 115 min (S35mm), MP4 [FHD/60p]: Approx. 150 min (FULL) *When using S-R24105 and AG-VBR59 (sold separately). When the battery is fully charged. MP4 [4K/60p]: Approx. 180 min (S35mm), MP4 [FHD/60p]: Approx. 235 min (FULL) *When using S-R24105 and AG-VBR89 (sold separately). When the battery is fully charged. MP4 [4K/60p]: Approx. 240 min (S35mm), MP4 [FHD/60p]: Approx. 315 min (FULL) *When using S-R24105 and AG-VBR118 (sold separately). When the battery is fully charged.

DIMENSIONS / WEIGHT

Dimensions (W x H x D)	Approx. 93.0 x 93.0 x 78.8 mm / 3.66 x 3.66 x 3.1 inch (excluding protrusions)
Weight	Approx. 585g / 1.29 lb (Body only)

OPERATING ENVIRONMENT

Operating temperature (*5)	-10°C to 40°C (14°F to 104°F)
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Operating humidity 10%RH to 80%RH

STANDARD ACCESSORIES

Software	LUMIX Tether for Multicam · This software is used to control a Panasonic digital camera from a PC. It allows you to change various settings of the camera, perform remote recording, and save remotely recorded images to the PC. Check the site below to download and install the software. http://panasonic.jp/support/global/cs/soft/download/d_lumixtether.html (For Windows / Mac)
Standard accessories	AC Adaptor, AC Cable, Cable Lock Band, Body Cap, Hot Shoe Cover, AUDIO Terminal Cover, DC IN Terminal Cover, BNC Terminal Cover, HDMI Terminal Cover, REMOTE Terminal Cover · The DC-BS1H Operating Instructions for advanced features is available for downloaded at Panasonic LUMIX Customer Support Site using PC, smartphone or tablet connected to the Internet.

NOTE

(*1) HLG is selectable.

(*2) High-res audio is selectable only when using the DMW-XLR1 (sold separately).

(*3) About motion picture recording

- Use a card with SD Speed Class with "Class 4" or higher when recording motion pictures in [MP4(under 28Mbps)].
 - Use a card with SD Speed Class with "UHS-I / UHS-II UHS Speed Class 3 (U3)" when recording motion pictures with [MP4] in [4K] or [MOV]. (SD speed class is the speed standard regarding continuous writing.)
 - Video Speed Class 60 or higher is required for ALL-Intra 400Mbps recording. Use of SD Memory Card with Video Speed Class 60 or higher is recommended for C4K/4K ALL-Intra video recording.
 - MP4 motion pictures with [MP4] in [4K]:
 - When using an SDHC memory card: You can continue recording without interruption even if the file size exceeds 4 GB, but the motion picture file will be divided and recorded/played back separately.
 - When using an SDXC memory card: You can continue recording without interruption even if the file size exceeds 96 GB or 3 hours 4 minutes in length, but the motion picture file will be divided and recorded/played back separately.
 - MP4 motion pictures with [MP4] in [FHD]:
 - You can continue recording without interruption even if the file size exceeds 4 GB or 30 minutes in length, but the motion picture file will be divided and recorded/played back separately.
 - 4:2:2 10-bit recording is a recording mode for film production and the video needs to be processed on PC.
- The original video cannot be played on standard TV, Blu-ray Disc™ recorder and Blu-ray Disc™ player.
- It may cause problems such as freezing when played on these devices.
- When the ambient temperature is high or continuous recording is performed, the camera may stop the recording to protect itself. Wait until the camera cools down.

(*4) For [6K] [5.9K] [5.4K] [C4K/60p] [C4K/50p] [4K/60p] [4K/50p] video output, use an HDMI2.0 cable that has the HDMI logo on it, and that is described as "4K compatible".

(*5) The camera may stop recording when used in lower or higher than recommended operating temperature: -10 to 40 degrees.

Consumer > Kameraer og videokameraer > LUMIX Cine kameraer > DC-BS1H > Alle spesifikasjoner

