



Specifications

Imaging

Lens Mount	Leica L
Camera Format	Full-Frame
Pixels	Actual: 50.44 Megapixel Effective: 47.3 Megapixel
Max Resolution	46.7 MP: 8368 x 5584
Aspect Ratio	1:1, 2:1, 3:2, 4:3, 16:9, 65:24
Sensor Type / Size	MOS, 36 x 24 mm
File Formats	Still Images: JPEG, RAW Movies: AVCHD, AVC/H.264, MP4 Audio: AAC, Dolby Digital 2ch, Linear PCM
Dust Reduction System	Yes
Memory Card Type	XQD SD SDHC SDXC
Image Stabilisation	Sensor-Shift, 5-Way

AV Recording

Video Recording	Yes, NTSC
Video Format	3840 x 2160p at 59.94 fps (150 Mb/s MP4 via H.264) 3840 x 2160p at 23.98/29.97 fps (100 Mb/s MP4 via H.264) 1920 x 1080p at 59.94 fps (28 Mb/s MP4 via H.264) 1920 x 1080p at 29.97 fps (20 Mb/s MP4 via H.264) 1920 x 1080p at 59.94 fps (28 Mb/s AVCHD) 1920 x 1080p at 23.98 fps (24 Mb/s AVCHD) 1920 x 1080i at 59.94 fps (24, 17 Mb/s AVCHD)
Aspect Ratio	16:9
Audio Recording	Built-In Mic: With Video (Stereo) Optional External Mic: With Video (Stereo)

Focus Control

Focus Type	Auto & Manual Focus
Focus Mode	Continuous-Servo AF (C), Manual Focus (M), Single-servo AF (S)
Autofocus Points	Contrast Detection: 225

Viewfinder/Display

Viewfinder Type	Electronic
Viewfinder Pixel Count	5,760,000
Viewfinder Eye Point	21.00 mm
Viewfinder Coverage	100%
Viewfinder Magnification	Approx. 0.78x
Dioptr Adjustment	-4.0 to +2.0 m
Display Screen	3.2" Rear Touchscreen Tilting LCD (2,100,000)
Screen Coverage	100%

Exposure Control

ISO Sensitivity	Auto, 100 to 25600 (Extended Mode:50 to 51200)
Shutter	Type: Mechanical Speed: 1/8000 to 60 Second Type: Mechanical Speed: 0 to 30 Minute in Bulb Mode Type: Electronic & Mechanical Speed: 1/2000 to 60 Second Type: Electronic & Mechanical Speed: 0 to 30 Minute in Bulb Mode Type: Electronic Speed: 1/16000 to 60 Second , Bulb Mode Type: Electronic Speed: 1/16000 to 1/25 Second in Movie Mode
Remote Control	DMW-RS2 (Optional)
Metering Method	Centre-Weighted Average Metering, Multiple, Spot Metering, Highlight Weighted
Exposure Modes	Modes: Aperture Priority, Manual, Programme, Shutter Priority Metering Range: EV 0.0 to EV 18.0 Compensation: -5 EV to +5 EV (in 1/3 EV Steps)
White Balance Modes	Auto, Cloudy, Colour Temperature, Daylight, Flash, Incandescent, Shade, White Set
Buffer/Continuous Shooting	Up to 9 fps at 46.7 MP for up to 40 Frames in Raw Format Up to 9 fps at 46.7 MP for up to 50 Frames in JPEG Format

Flash

Flash Modes	Auto Auto/Red-Eye Reduction Forced On Forced On/Red-Eye Reduction Off Slow Sync Slow Sync/Red-Eye Reduction
Built-in Flash	No
Max Sync Speed	Mechanical Shutter:1 / 320 Second
Flash Compensation	-3 EV to +3 EV (in 1/3 EV steps)
Dedicated Flash System	TTL
External Flash Connection	Hot Shoe, PC Terminal
Performance	
Self Timer	2, 10 Seconds
Interval Recording	Yes
Connectivity	1/8" Headphone, 1/8" Microphone, 2.5mm Sub-mini (2-Ring), HDMI A (Full Size), USB 3.0, USB Type-C, X-Sync Socket
Wi-Fi Capable	Yes
Power	
Battery	1 x DMW-BLJ31 Rechargeable Lithium-Ion Battery Pack, 7.2 VDC, 3100 mAh
AC Power Adapter	DMW-AC10 (Not Included)
Operating Temperature	-10 to 40°C
Operating Humidity	10 to 80%
Physical	
Dimensions (W x H x D)	148.9 x 110.0 x 96.7 mm <i>excluding protrusions</i>
Weight	1020 g <i>with battery and memory card</i>