

OM-3 ASTRO technical specifications

Video Quality	4K, C4K, Full HD, High Speed Movie FHD
Image Stabilisation	Built-in 5-axis Up to 7.5 EV steps*
Effective Resolution (approx.)	20.4 MP
Available protection plans	<p>PROTECT</p> <ul style="list-style-type: none">- Extended Manufacturer Coverage- 1 year manufacturer's warranty, + an additional 2 years with protection plan- Product Replacement- Expedited Service (return product within 3 business days of receipt at the repair center)- Genuine OM SYSTEM Parts <p>PROTECT +</p> <p>Everything included under the PROTECT plan, plus:</p> <ul style="list-style-type: none">- Accidental Damage Protection- Annual Clean & Check Service

Collapse all

Type

Body material	Magnesium alloy body
Lens mount	Micro Four Thirds

Image Sensor

Type	4/3" Stacked BSI Live MOS sensor
Effective pixels	20.4 Megapixels

Full resolution	22.9 Megapixels
Aspect ratio & area	4:3 / 17.3 x 13.0mm
Filter array	Primary colour filter (RGB)
Hα transmission	100%

Engine

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Type	TruePic X
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Filter

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Dust reduction filter	Supersonic Wave Filter
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Viewfinder

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Type	OLED Electronic Viewfinder
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Pixel number	2.36M dots
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Magnification	Max. 1.37x with a 50mm lens set to infinity at -1 dioptre (depending on selected viewfinder style)
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Angle of view	Approx. 100%
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Style	3 styles selectable
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Brightness adjustment	Adaptive Brightness Technology / Manual settings: +/- 7 levels
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Correction of color temperature	+/- 7 levels
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Diopter adjustment	Equipped -4.0 - +2.0 diopters / built-in type
Eye point	27mm at -1 dioptre from eyepiece lens
S-OVF	Expands the Live View dynamic range
Note	*Available in the EVF when in P, A, S, M and B modes. Art filter, WB and exposure are not reflected in EVF.

Monitor —

Monitor type	Vari-angle LCD - Touch Panel
Resolution	1.62M dots
Monitor size	7.6cm / 3.0" (3:2)
Brightness adjustment	+/- 7 levels
Color balance	+/- 7 levels
Touch Control functions	AF area enlargement, AF area selection, Art Filter, Enlargement, Enlargement playback, Frame forward/backward, Live Guide, Shooting mode, Shutter release, Subject selection, Super Control Panel, Wi-Fi connection

Level Gauge —

Detection	2-axis
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Live View —

Field of view	Approx. 100%
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Dynamic range expansion	When in HDR1 or HDR2
Magnification levels	3 / 5 / 7 / 10 / 14x
Live ND	64 S/M mode only, flash can not be used, ISO up to 800, the maximum shutter speed is 1/60 (when ND2 is set) and the speed drops if the number of ND steps is raised.
Live GND	Available *P/A/S/M mode, flash can not be used, ISO up to 3200(up to 1600 in ISO Auto), the maximum shutter speed is 1/16000 (when ND2 is set) and the speed drops if the number of ND steps is raised.

Super Control Panel —

Displayed information	AE bracketing, AEL notification, AF frame, Aperture value, Battery indicator, Colour saturation compensation value, Colour space, Contrast compensation value, Drive mode, Exposure compensation indicator, Exposure level view, Exposure mode, Face detection, Flash compensation value, Flash mode, Focus mode, Gradation, Histogram, Internal temperature warning, ISO, Metering mode, Noise reduction, Number of storable frames, Record mode, Sharpness compensation value, Shutter speed, White balance, White balance compensation value
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Image Stabiliser —

Type	Sensor shift
Modes	Five-dimensional, vertical or horizontal activation, automatic

Live View stabilisation

Available

Effective Compensation Range

Up to 6.5 (center) / 5.5 (corner) EV steps*
(Body only)
Up to 7.5 (center) / 6.5 (corner) EV steps**
(Sync IS)

Note

Based on CIPA measurement conditions
*When using M.ZUIKO DIGITAL ED 12-45mm
F4.0 PRO (focal length 45mm (35mm equivalent:
90mm))
**When using M.ZUIKO DIGITAL ED 12-100mm
F4.0 IS PRO (focal length 100mm (35mm
equivalent: 200mm)), halfway release image

Focusing System

Method

TTL phase difference detection system,
contrast detection system

Predictive AF

Available

Manual focus

Available, with enlarged focusing area,
focus peaking and focus indicator

Focus areas

1053 points / cross-type phase detection AF
1053 points / contrast AF
All target, Single target (1 point), Small
target (9 points), Cross target (39 points),
Middle target (63 points), Large target (165
points), Custom target* (AF area and its
increment steps selectable)*Number of
saved custom target settings: 4

AF illuminator

Equipped

AF lock

Available, Locked by first position of shutter
release button in single AF mode, AE/AF
lock button (customised)

AF targeting pad

Available (activate/deactivate with double

tap on rear monitor)

AF working range	-8 - 19EV (ISO approx.100, with a f/1.2 lens)
Focus limit	Available
Separate AF-On button	Available
AF tracking	Available, Available in continuous AF mode
Focus Bracketing Mode	Compatible with: All Micro Four Thirds AF lenses
Number of images	3 - 999 shots
Step size	10 levels
Modes	AF* Tracking, Bracketing, Continuous AF*, Manual focus, Preset MF**, Single AF*, Stacking
Note	* incl. manual override ** Distance setting values are rough estimates and only AF lenses can be used.
Focus peaking	
Back light effect	On / Off
Color selection	White, black, red, yellow
Intensity	High / Normal / Low
Intelligent Subject Detection AF	Aircrafts, Birds, Bullet trains, Cats, Dogs, Formula cars, Helicopters, Human, Motorcycles, Rally cars, Standard trains, Steam locomotives

Focus Stacking Mode	
Technology	Available
Compatible Lenses	M.ZUIKO DIGITAL 1.4x Teleconverter MC-14, M.ZUIKO DIGITAL 2.0x Teleconverter MC-20, M.Zuiko Digital ED 100-400mm F5.0-6.3 IS, M.Zuiko Digital ED 100-400mm F5.0-6.3 IS II, M.Zuiko Digital ED 12-100mm F4 IS PRO, M.Zuiko Digital ED 12-40mm F2.8 PRO, M.Zuiko Digital ED 12-40mm F2.8 PRO II, M.Zuiko Digital ED 12-45mm F4 PRO, M.Zuiko Digital ED 150-400mm F4.5 TC1.25x IS PRO, M.Zuiko Digital ED 300mm F4 PRO, M.Zuiko Digital ED 30mm F3.5 Macro, M.Zuiko Digital ED 40-150mm F2.8 PRO, M.Zuiko Digital ED 40-150mm F4.0 PRO, M.Zuiko Digital ED 60mm F2.8 Macro, M.Zuiko Digital ED 7-14mm F2.8 PRO, M.Zuiko Digital ED 8-25mm F4 PRO, M.Zuiko Digital ED 8mm F1.8 Fisheye PRO, M.Zuiko Digital ED 90mm F3.5 Macro IS PRO
Compatible Converter	M.Zuiko Digital 1.4x Teleconverter MC-14, M.Zuiko Digital 2x Teleconverter MC-20
Note	Angle of view becomes slightly smaller

Exposure System

Exposure compensation	+/- 5 EV (1, 1/2, 1/3 steps) Note: Monitor and EVF displays only up to ±3 EV.
Exposure bracketing	3 / 5 frames (+/- 1/3, 2/3, 1 EV steps) 7 frames (+/- 1/3, 1/2, 2/3 EV steps)
ISO bracketing	3 frames (1/3, 2/3, 1 EV steps)

HDR bracketing	3 / 5 frames (+/- 2 / 3 EV steps) 7 frames (+/- 2 EV steps)
AE lock	Available
Enhancement function	Shadow Adjustment Technology Flicker Scan: Available for M, S and silent mode (can be confirmed in Live View)
Anti-Flicker Shooting function	Available

Advanced Photo Modes —

Modes	AE bracketing, AF bracketing, Keystone Compensation, Live Bulb, Live Composite
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Multi-Exposure —

Stacking Shooting	Handheld High Res Shot of the OM-3 ASTRO composites 12 shots for a high-definition, low-noise image with a single press of the shutter button.
Max. number of frames	2 frames (shooting)
Auto gain control	Available
Frame assistance	Live View

Light Metering —

Method	TTL open aperture light metering
Zones	324 zones Multi-pattern Sensing System
Detection range	-2 - 20 EV (f2.8, ISO 100)

Modes	Centre weighted metering, ESP light metering, Highlight, Shadow, Spot metering
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Histogram in shooting mode

Available

Art Filter

Modes

Bleach Bypass, Cross Process, Diorama, Dramatic Tone, Gentle Sepia, Grainy Film, Instant Film, Key Line, Light Tone, Pale & Light Colour, Partial Colour*, Pin Hole, Pop Art, Soft Focus, Vintage, Water colour

Variation / Effect

Available

Note

* 18 colours selectable

Color Creator

Color Creator

Available

Monochrome Profile Control

Monochrome Profile Control

Color filter effect: None/8 colours (Red, Orange, Yellow, Yellow-Green, Green, Cyan, Blue, Magenta) with 3 steps Shading effect: 11 steps (-5 ~ +5) Film grain effect: Off/Low/Med/High Monochrome colour: Normal/Sepia/Blue/Purple/Green *Settings can be stored individually to MONO1/MONO2/MONO3/MONO4. Settings of Highlight & Shadow Control can be stored as well.

Color Profile Control

Color Profile Control

Saturation of 12 colours can be adjusted in 11 steps (-5 ~ +5) Shading effect: 11 steps

(-5 ~ +5) *Settings can be stored individually to COLOR1/COLOR2/COLOR3/COLOR4. Settings of Highlight&Shadow Control can be stored as well.

Color Profile Control

Saturation of 12 colours can be adjusted in 11 steps (-5 ~ +5) Shading effect: 11 steps (-5 ~ +5) *Settings can be stored individually to COLOR1 / COLOR2 / COLOR3 / COLOR4. Settings of Highlight & Shadow Control can be stored as well.

By using the Color Profile Control function, astrophotography and star-scape photography can be rendered with greater impact and visual appeal.

C1 + COLOR1: Suitable when you want to capture nebulae, constellations, and other celestial objects with higher image quality.
C2 + COLOR2: Ideal for achieving a balanced, high-quality capture of both the night sky and terrestrial landscapes.
C3 + COLOR2: Allows natural-color night-sky photography in a single shot, making it convenient for handheld or quick shooting

Sensitivity

Auto

ISO LOW* - 102400 (upper default ISO 25600)

Note

*approx. 80

Manual

ISO LOW* - 102400 in 1/3 or 1 EV ISO steps

Shutter

Shutter type

Computerised focal-plane shutter

Durability

100.000 shots

Modes

Bracketing, Self timer, Sequential shooting, Single frame

Shutter Speeds

Standard operation

Shutter speed range	1/8000 - 60s (in 1/3, 1/2, 1 EV steps)
Bulb mode	Up to 30 minutes (selectable longest time in the menu, default: 8 minutes)
High res shot	
Shutter type	Electronic shutter
Shutter speed	1/8000 - 60s
Start delay	0, 1/8, 1/4, 1/2, 1, 2, 4, 8, 15, 30s
Resolution	JPEG: 10368x7776 / 8160 x 6120 / 5760 x 4320 RAW: 10368 x 7776 *High Res RAW Recording bit: 12bit / 14bit Equivalent to 80M / 50M / 25M pixel sensor (8 shots combined into a single JPEG using sensor shift) Available in P/A/S/M mode

Handheld High res shot

Shutter type	Electronic shutter
Shutter speed	1/8000 - 60s
Resolution	JPEG: 8160 x 6120 / 5760 x 4320 RAW: 8160 x 6120 *High Res RAW Recording bit: 12bit / 14bit Equivalent to 50M / 25M pixel sensor (8 shots combined into a single JPEG using

sensor shift)
Available in P/A/S/M mode
Flash can not be used

Anti-shock mode

Shutter type

Electronic first curtain shutter

Shutter speed

1/320* - 60s

Start delay

0, 1/8, 1/4, 1/2, 1, 2, 4, 8, 15, 30s

Note

* For speeds over 1/320 sec., mechanical shutter will automatically be selected.

Silent mode

Shutter type

Electronic shutter

Shutter speed

1/32000 - 60s

Start delay

0, 1/8, 1/4, 1/2, 1, 2, 4, 8, 15, 30s

Flicker Scan

Stills

1/7634 - 1/50s

Movies

1/250 - 1/30s *

Note

* Frame rates greater 30fps are limited to their reciprocal value

White Balance

AUTO WB system

Applied

White balance bracketing

3 frames / +/- 2, 4, 6 mired steps

Custom WB	1 setting can be registered at Kelvin temperature (2000K - 14000K)
One-touch white balance	4 custom settings can be registered
Preset values	7

Sequence Shooting

Speed	Approx. 6fps (selectable 1-6fps)
Anti-shock mode	
Speed	Approx. 5.5fps (selectable 1-6fps)
Pro Capture mode	
Speed*	Approx. 20fps (selectable 5, 10, 15, 20fps)
Speed SH1*	Approx. 120fps (selectable 30, 60, 100, 120fps)* ***
Speed SH2* **	Approx. 50fps (selectable 12.5, 16.7, 25, 50fps)* **
Note	*Slower shutter speeds and flash cannot be used **Compatible lenses are limited. ***Focus and exposure are fixed at first frame
Silent mode	
Speed	Approx. 20fps (selectable 5, 10, 15, 20fps)
Speed SH1*	Approx. 120fps (selectable 30, 60, 100, 120fps)
Speed SH2* **	Approx. 50fps (selectable 12.5, 16.7, 25,

	50fps)* **
Conditions	Memory card: KIOXIA KSDXU-A064G When using the M.Zuiko Digital ED 12-40mm F2.8 PRO II Low ISO processing: Priority is given to sequential shooting
Max. number of frames	All values are approximate
10fps	Until card capacity
20fps	Raw: 151 / JPG (LF): 375
50fps	Raw: 102 / JPG (LF): 125
120fps	Raw: 88 / JPG (LF): 90
Compatible lenses to SH2 (50fps)	M.Zuiko Digital ED 12-100mm F4.0 IS PRO, M.Zuiko Digital ED 12-40mm F2.8 PRO, M.Zuiko Digital ED 12-40mm F2.8 PRO II, M.Zuiko Digital ED 150-400mm F4.5 TC 1.25x IS PRO, M.Zuiko Digital ED 300mm F4.0 IS PRO, M.Zuiko Digital ED 40-150mm F2.8 PRO
Interval shooting	
Settings	Time or Frame priority Max. number of frames: 999 (Creation of time-lapse movie possible) Exposure smoothing

Image Processing —

Art Filter bracketing	Available
Color space	sRGB / AdobeRGB

Fisheye compensation	Available when M.Zuiko Digital ED 8mm Fisheye PRO is attached Angle of view adjustable in 3 levels Compensation automatically ON when using Underwater Modes, available (can be confirmed in Live View)
Gradation	4 levels (auto, high key, normal, low key)
Highlight & Shadow control	Highlight / Shadow / Midtone (+/- 7 steps)
Black & White filter	Yellow, Orange, Red, Green
Black & White toning	Sepia, Blue, Purple or Green in Black & White mode
Picture mode	Colour Creator, Colour Profile Control, Custom, i-Finish, Monochrome Profile Control, Monotone, Natural, Portrait, Underwater, Vivid
Contrast	5 levels
Saturation	5 levels
Sharpness + Contrast	5 levels
Tele converter effect	2x

External Flash Control

Modes	Fill-in for exclusive flash, Manual, Red-eye reduction, Slow synchronisation
Type	AUTO, FP MANUAL, FP TTL AUTO, MANUAL, TTL AUTO
X-sync speed	1/250s / 1/8000s (Super FP Mode)

Intensity	+/- 3 EV (1/3, 1/2, 1 EV steps)
Compatible external flash	FL-LM3, FL-900R, STF-8, FL-700WR
Note	Note: Some functions are only available if they are supported by the external flash.

Wireless Flash Control

Available when used together with cameras compatible with the Olympus wireless RC flash system.

Modes	Auto, FP Manual, FP TTL Auto, Manual, TTL Auto
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Optical control

Control method	Triggered and controlled (Olympus Wireless RC Flash system) Commander flash: FL-900R, FL-700WR, STF-8 Built-in flash, FL-LM3
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Compatible external flash

FL-900R, FL-700WR

Radio control

Radio wireless control

Available when attaching optional flash commander.

Number of channels

4 channels

Group setting

3 groups

Compatible commander

FC-WR, FL-700WR

Note

For more details see specifications of commander units.

Compatible receiver	FL-700WR, FR-WR + wireless RC system flash
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Recording Formats

JPEG	Applied
RAW	12bit
RAW & JPEG	Applied parallel recording
Aspect ratio	4:3 / 3:2 / 16:9 / 6:6 / 3:4

Still Image Recording

DCF	2.0
DPOF	Applied
EXIF	3.0
RAW	Applied

Image Size

Aspect ratio	4:3 / 3:2 / 16:9 / 1:1 / 3:4
RAW	5184 x 3888
JPEG	5184 x 3888 - 1024 x 768

Movie Recording System

Recording format	MOV (MPEG-4AVC / H.264), YCbCr 4:2:0 (8bit)
Picture mode	Flat, OM-Log400, HLG, OM-Cinema1, OM-Cinema2
Time code	Rec run / Free run Drop frame / Non-drop frame
Exposure Modes	Aperture priority, Art Filter, Manual, Programme automatic, Shutter priority
Image Stabilisation Mode	Applied Sensor shift (5-axis)
Note	* While using M-IS1, field of view may be affected. M-IS1* (Image sensor shift and electronic image stabilizer with multi motion IS) M-IS2 (Image sensor shift with multi motion IS)
Note	Frame rate may drop when using certain art filter
MOV(MPEG-4AVC/H.264)	
48kHz/16bit	
3840x2160 (4K)	30p, 25p, 24p / LongGOP (approx. 102 Mbps)
3840x2160 (4K) -2	60p, 50p / LongGOP (approx. 202 Mbps)
4096x2160 (C4K)	30p, 25p, 24p / LongGOP (approx. 102 Mbps)
4096x2160 (C4K) -2	60p, 50p / LongGOP (approx. 202 Mbps)
1920x1080 (FHD)	30p, 25p, 24p / ALL-I (approx. 202 Mbps)
1920x1080 (FHD) -2	60p, 50p / LongGOP (approx. 52 Mbps)

1920x1080 (FHD) -b	/ LongGOP (approx. 27 Mbps)
96kHz/24bit	
3840x2160 (4K)	30p, 25p, 24p / LongGOP (approx. 105 Mbps) 60p, 50p / LongGOP (approx. 205 Mbps)
4096x2160 (C4K)	30p, 25p, 24p / LongGOP (approx. 105 Mbps) 60p, 50p / LongGOP (approx. 205 Mbps)
1920x1080 (FHD)	30p, 25p, 24p / ALL-I (approx. 205 Mbps) / LongGOP (approx. 30 Mbps) 60p, 50p / LongGOP (approx. 55 Mbps)
MOV (HEVC/H.265)	
48kHz/16bit	
3840x2160 (4K)	30p, 25p, 24p / LongGOP (approx. 77 Mbps) 60p, 50p / LongGOP (approx. 152 Mbps)
4096x2160 (C4K)	30p, 25p, 24p / LongGOP (approx. 77 Mbps) 60p, 50p / LongGOP (approx. 152 Mbps)
1920x1080 (FHD)	30p, 25p, 24p / ALL-I (approx. 82 Mbps) 60p, 50p / ALL-I (approx. 162 Mbps) / LongGOP (approx. 42 Mbps) / LongGOP (approx. 22 Mbps)
96kHz/24bit	
3840x2160 (4K)	30p, 25p, 24p / LongGOP (approx. 80 Mbps) 60p, 50p / LongGOP (approx. 155 Mbps)

4096x2160 (C4K)	30p, 25p, 24p / LongGOP (approx. 80 Mbps) 60p, 50p / LongGOP (approx. 155 Mbps)
1920x1080 (FHD)	30p, 25p, 24p / ALL-I (approx. 85 Mbps) / LongGOP (approx. 25 Mbps) 60p, 50p / ALL-I (approx. 165 Mbps) / LongGOP (approx. 45 Mbps)
Note	Class 10 or higher SD card is recommended for movie shooting UHS-II or UHS-I U3 card is recommended for ALL-I shooting
Maximum Recording Time	Unlimited

Movie Specialties

Art Filter	Available
Fast motion	Available
Flicker Scan	Available in M mode (can be confirmed in Live View)
HDMI Live View	
Modes	Monitor / Record / RAW
Monitor mode	Video signal and info display is processed
Note	In monitor mode, the image cannot be enlarged on the camera when a movie is being recorded.
RAW mode	
Notification:	In RAW mode, output video quality is 4K/C4K 12bit RAW data, frame rate follows movie setting, and sound will be recorded. Footages can not be displayed on camera monitor and no videos and sounds will be recorded to the

camera.

Record mode	Only video signal is processed
Note	In record mode, movie quality can be set to YCbCr 4:2:2 (8 bit). When recording simultaneously in the camera in 4K/C4K/FHD HS, 4:2:0 is upsampled to 4:2:2.
High-Speed Recording	1920x1080 (MOV) / 240fps 1920x1080 / 120fps 1920x1080 / 100fps
Time lapse	3840 x 2160 (4K) / 5fps, 10fps, 15fps, 30fps 1920 x 1080 (FHD) / 5fps, 10fps, 15fps, 30fps Max. number of frames: 9999
Slow motion	Available
S&Q Movie (Slow Motion / Quick Movie)	Capturing Frame Rate: 240fps, 200fps, 120fps, 100fps, 60fps, 50fps, 30fps, 25fps, 24fps, 15fps, 12fps, 8fps, 6fps, 3fps, 2fps, 1fps *Selectable capturing frame rates are limited depending on the recording codec, image size, frame-to-frame compression, and playback frame rate settings.
Vertical Video	Available *Video files are saved vertically when holding the camera vertically to shoot. *Videos are not played in the vertical orientation on the camera.

Sound Recording System

Recording format	High quality sound recording (Stereo linear PCM/24-bit, Sampling frequency 96kHz) Stereo PCM/16bit, 48kHz, Wave Format Base
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Speaker	Built-in mono speaker
Internal microphone	Built-in stereo microphones
Microphone functions	Audio Dubbing, Recording Volume, Volume

View Images —

Modes	Calendar, Image information, Index, Movie, Single, Zoom
Shooting information	Off / On
Highlight/Shadow point warning	Available
Histogram in playback mode	Available
Index	4 / 9 / 25 / 100 frames
Zoom	Available 2 - 14x
Auto rotation	Available

Erase / Protect / Copy Function —

Erase modes	Single, All, Selected
Image protect mode	Single frame, Selected frames, All Frames, Release protect (Single/All selected)

Image Editing —

Editing functions	Aspect ratio, Correction of saturation, Gradation auto, Image Overlay, Monochrome, Post recording, RAW data
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Movie Editing —

In-movie image extraction	Available (4K only)
Trimming	Available

Customisation Options —

Programmable button	Equipped
Fn Button	Equipped
Custom Mode	<p>The mode dial's C1, C2, and C3 Custom Modes are preconfigured to provide quick access to functions optimized for astrophotography.</p> <p>Custom Mode C1: A mode that utilizes Handheld High-Res Shot to capture high-resolution astrophotography.</p> <p>Custom Mode C2: A mode for effortless and straightforward night-sky shooting.</p> <p>Custom Mode C3: A mode designed for handheld star-scape photography.</p>
My Mode	5 settings storable (Can be set to mode dial.)
Factory reset	Full / Basic
Menu languages in camera	18 languages selectable: , Czech, Dutch, English, Finnish, French, German, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish

Interface —

Earphone jack	3.5 ø mm mini-jack
Hot shoe	Equipped
Synchro socket	Equipped
HDMI™	Applied Micro connector (Type D) *
Microphone jack	3.5 ø mm mini-jack (plug-in power on/off)
USB 3	Type C
Wireless connectivity	Bluetooth®*, Wi-Fi *RM-WR1 cannot be used
Communication method	Bluetooth® (Ver.5.2 Bluetooth Low Energy)
Media	SD Memory Card (SDHC, SDXC, UHS-I, UHS-II compatible) Class 10 or higher SD card is recommended for movie shooting UHS-II or UHS-I U3 card is recommended for 4K, C4K, ALL-I shooting.
SAR	0.52W/kg
Note	SAR quantifies the maximum level of exposure of the user to electromagnetic waves, when using the device close to the head. SAR shall not exceed 2W/kg in accordance with regulations of France.
Note	* "HDMI", the HDMI logo and "High-Definition Multimedia Interface" are trademarks or registered trademarks of HDMI Licensing LLC. The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by OLYMPUS CORPORATION is under license. Wi-Fi is a registered trademark of the Wi-Fi Alliance.

Wi-Fi Functions

Easy Connection	QR code setting
GPS info	Available through Smartphone GPS data
Wireless Shooting	Available

Tough Features

Freezeproof	-10°C * According to IEC standard publication 60529 IP53
	Performance is IP53 or IPX1, dependent on the performance of the lens attached.

Power Supply

Battery life	
Image shooting	Standard mode: approx. 590 shots / Quick sleep mode: approx. 1040 shots (using BLX-1 and KIOXIA KSDXU-A064G (UHS-II U3 Class10 64GB))
Movie recording	120min (standard CIPA compliant) 190min (when zoom and other operational functions are not used) * Note: Values are approximate.
Battery	BLX-1 Lithium-Ion Battery
DC-input	F-5AC/F-7AC (optional)
Internal Charging	Camera can be used while charging

Sleep mode

1, 3, 5min. and off selectable.

USB bus power

USB PD bus power can be used (PD compliant camera: Rev 3.0 Ver 1.0a)

USB charging

Performance varies depending on different USB devices

Dimensions / Weight —**Width**

139.3mm

Depth

45.8mm

Height88.9
(without protrusions)**Weight**

496g (including battery and memory card)

Weight (body only)

413g

Environment —**Humidity**30 - 90% operation humidity / 10 - 90%
storage humidity**Temperature**-10 - 40°C Operating temperature / -20 -
60°C storage temperature