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System Type Sull-Lin S-axis* sensor-shift image stabilization for movie and still photos System Type	System Type System Type Sulti-in S-axis* sensor-shift image stabilization for movie and still photos "yaw/pitch/roll/vertical shift/horizontal shift Modes 4 modes (S-SA AUTO, S-LS, S-LS, S-LS), S-LS, S-LS, S-LS, S-LS, S-LS 11 settings: 10 programmable settings (10 lenses), 1 open setting Available* When using M-Zulko Digital lenses equipped with image stabilization 5.5 EV[*] **Based on CIPA measurement conditions. When using M-ZUIKO Digital ED 12-40mm F2.8 PRO (focal length "Horm (35mm equivalent: 80mm)) 5.5 EV[*] *Based on CIPA measurement conditions. When using M-ZUIKO Digital ED 12-40mm F4.0 PRO (focal length "Horm (35mm equivalent: 20mm)) 5.5 EV[*] *Based on CIPA measurement conditions. When using M-ZUIKO Digital ED 12-40mm F4.0 PRO (focal length "Horm (35mm equivalent: 20mm)) 5.5 EV[*] *Shutter / Sequential Shooting Focal-plane shutter: 1/8000 - 60 sec., with selectable EV adjustment steps (1/3, 1/2, 1) Live Bulb / Live Time: 58000 - 60 sec., with selectable EV adjustment steps (1/3, 1/2, 1) Live Bulb / Live Time: 58000 - 60 sec. (Still) Filicker scan: 1/250 - 1/300 off) sec. Shutter Type Electronic infrat curtain shutter (Anti-shock mode): 1/320 - 60 sec. (Electronic infrat curtain shutter (Anti-shock mode): 1/320 - 60 sec. (Electronic infrat curtain shutter (Anti-shock mode): 1/320 - 60 sec. (Electronic shutter (Silent mode): 1/3200 - 60 sec. (Sequential Shooting II) approx. 0 (5ps with selectable: 1-6 fps (Silent sequential shooting II) approx. 0 (5ps with selectable: 1-6 fps (Silent sequential shooting II) approx. 0 (5ps with selectable: 1-6 fps (Silent sequential shooting II) approx. 0 (5ps with selectable: 1-6 (ps) (Silent sequential shooting II) approx. 0 (5ps with selectable: 1-6 (ps) (Silent sequential shooting II) approx. 0 (5ps with selectable: 1-6 (ps) (Silent sequential shooting II) approx. 0 (5ps with selectable: 1-6 (ps) (Silent sequential shooting II) approx. 0 (5ps with selectable: 1-6 (ps) (Silent sequential shooting II) approx. 0 (5ps with selectable: 1-6 (ps) (Silent seque	AF Focus Adj.		
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*yaw/pitch/roll/veritcal shift/horizontal shift Mordes 4 modes (S-15 AUTO, 5-51, 5-52, 5-53), OFF Focal Length Setting 11 settings: 10 programmable settings (10 lenses), 1 open setting 5-Axis Sync IS *When using M.Zuiko Digital lenses equipped with image stabilization 5.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length = 40mm (35mm equivalent: 80mm)) 6.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length = 100mm (35mm equivalent: 200mm)), halfway release image stabilization Off Lens IS Priority Available Focal-plane shutter: 1/8000 - 60 Sec., with selectable EV adjustment steps (1/3, 1/2, 1) Live Bulb / Live Time: selectable exposure time (1 / 2 / 4 / 8 / 15 / 20 / 25 / 30 min.), with 8-min. default setting. Live Composite: maximum shooting time 3 hours Shutter Type Electronic first curtain shutter (Anti-shock mode): 1/3200 - 60 sec. Electronic shutter (Silent mode): 1/32000 - 60 sec. (Istill) Filcer scan: 1/7634 - 1/3000 sec. Electronic shutter (Silent mode): 1/32000 - 60 sec. (Istill) Filcer scan: 1/7634 - 1/3000 sec. Sequential shooting H approx. 10 fps with selectable 1-1 fps [Sequential shooting H approx. 10 fps with selectable 1-1 fps [Sequential shooting H approx. 30 fps with selectable 1-5, 20, 30 fps [Silent sequential shooting H approx. 30 fps with selectable 1-5, 20, 30 fps [Silent sequential shooting H approx. 30 fps with selectable 1-5, 20, 30 fps [For Capture I approx. 30 fps with selectable 15, 20, 30 fps [For Capture I approx. 30 fps with selectable 15, 20, 30 fps [For Capture I approx. 30 fps with selectable 15, 20, 30 fps [For Capture I approx. 30 fps with selectable 15, 20, 30 fps [For Capture I approx. 30 fps with selectable 15, 20, 30 fps [For Capture I approx. 30 fps with selectable 15, 20, 30 fps [For Capture I approx. 30 fps with selectable 15, 20, 30 fps [For Capture I approx. 30 fps with selectable 15, 20, 30 fps [Fo	*yavyIntch/Pol/vertical shirt/horizontal shift Modes 4 modes (515 AUT.O. 515, 1-512, 513, 1-512, 513). OFF Focal Length Setting 11 settings: 10 programmable settings (10 lenses), 1 open setting Available* *When using M.Zulko Digital lenses equipped with image stabilization 5.5 EV!* *Based on CIPA measurement conditions. When using M.ZulkO Digital ED 12-40mm F2.8 PRO (focal length education) 5.5 EV!* *Based on CIPA measurement conditions. When using M.ZulkO Digital ED 12-100mm F4.0 PRO (focal length education) 6.5 EV!* *Based on CIPA measurement conditions. When using M.ZulkO Digital ED 12-100mm F4.0 PRO (focal length education) 6.5 EV!* *Based on CIPA measurement conditions. When using M.ZulkO Digital ED 12-100mm F4.0 PRO (focal length education) 5.5 EV!* *Based on CIPA measurement conditions. When using M.ZulkO Digital ED 12-100mm F4.0 PRO (focal length education) 5.5 EV!* *Based on CIPA measurement conditions. When using M.ZulkO Digital ED 12-100mm F4.0 PRO (focal length education) 5.5 EV!* *Based on CIPA measurement conditions. When using M.ZulkO Digital ED 12-100mm F4.0 PRO (focal length education) 5.5 EV!* *Based on CIPA measurement conditions. When using M.ZulkO Digital ED 12-100mm F4.0 PRO (focal length education) 5.5 Evital Provided Pr			
Modes 4 modes (S15 AUTO, 5:13, 15:12, 15:33, 17:57 (S13, 17:57 (S	# Angle (
11 settings: 10 programmable settings (10 lenses), 1 open setting	13 settings: 10 programmable settings (10 lenses), 1 open setting Available*	System Type	Built-in 5-axis* sensor-shift image stabilization for movie and still photos	
Available* When using M_Zuiko Digital lenses equipped with image stabilization	Available* *When using M.Zuiko Digital lenses equipped with image stabilization 5.5 EV[*] *Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length = 20mm (35mm equivalent: 20mm)) 6.5 EV[*] *Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-400mm F4.0 PRO (focal length = 100mm (35mm equivalent: 200mm)), halfway release image stabilization Off **Common (35mm equivalent: 200mm)), halfway release image stabilization Off **Description of the properties of the prop		Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift	
When using M.Zulko Digital lenses equipped with image stabilization 5.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length e40mm [S5mm equivalent: 80mm)) 6.5 EV[*] * Pased on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length e100mm (35mm equivalent: 200mm)), halfway release image stabilization Off *Email SPriority** ***Email SPriority** ***Email SPriority** ***Available** ***Shutter / Sequential Shooting** ***Shutter / Sequential Shooting** ***Eccaptable EV adjustment steps (1/3, 1/2, 1) **Use Bulb / Live Time: selectable exposure time (1 / 2 / 4 / 8 / 15 / 20 / 25 / 30 min.), with 8-min. default setting. Live Composite: maximum shooting time 3 hours ***Shutter Type** **Electronic first curtain shutter (Anti-shock mode): 1/3200 - 60 sec. **[still]**Ficker scan: 1/250 - 1/30.00**] sec. **(still)**Ficker scan: 1/250 - 1/30.00**] sec. **(still)**Ficker scan: 1/250 - 1/30.00**] sec. **Softps movie: 1/50.0 sec., 60fps movie: 1/60.0sec., High speed video: 1/120.0sec. **Softps movie: 1/50.0 sec., 60fps movie: 1/60.0sec., High speed video: 1/120.0sec. **Softps movie: 1/50.0 sec., 60fps movie: 1/60.0sec., High speed video: 1/120.0sec. **Softps movie: 1/30.0 sec., 60fps movie: 1/60.0sec., High speed video: 1/120.0sec. **Softps movie: 1/30.0 sec., 60fps movie: 1/60.0sec., High speed video: 1/120.0sec. **Softps movie: 1/30.0 sec., 60fps movie: 1/60.0sec., High speed video: 1/120.0sec. **Softps movie: 1/30.0 sec., 60fps movie: 1/60.0sec., High speed video: 1/120.0sec. **Softps movie: 1/30.0 sec., 60fps movie: 1/60.0sec., High speed video: 1/120.0sec. **Softps movie: 1/30.0 sec., 60fps movie: 1/30.0sec., High speed video: 1/120.0sec. **Softps movie: 1/30.0 sec., 60fps movie: 1/30.0sec., High speed video: 1/120.0sec. **Softps movie: 1/30.0 sec., 60fps movie: 1/30.0sec., High speed video: 1/120.0sec. **Softps movie: 1/30.0 sec., 60fps movie: 1/30.0 sec., 60fps movie: 1/30.0 sec., 60fps movie: 1/30.0	**When using M.Zuiko Digital lenses equipped with image stabilization 5.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length admin (35mm equivalent: 80mm)) 6.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length aloumn (35mm equivalent: 200mm)), halfway release image stabilization Off **Shutter / Sequential Shooting** **Focal-plane shutter: 1/8000 - 60 sec., with selectable EV adjustment steps (1/3, 1/2, 1) **Use Bull / Live Time: selectable exposure time (1/2/4/8/15/20/25/30 min.), with 8-min. default setting. Live Composite: maximum shooting time a hours **Shutter Type** Electronic first curtain shutter (Anti-shock mode): 1/3200 - 60 sec. [still) Filcker scan: 1/7634 - 1/3500 sec. [still) Filcker scan: 1/7634 - 1/3500 sec. [still) Filcker scan: 1/7634 - 1/300.0*] sec. **Softps movie: 1/50.0 sec., 60fps movie: 1/60.0 sec., High speed video: 1/120.0 sec. [sequential shooting II] approx. 30 fps with selectable 1-6 fps [sequential shooting II] approx. 30 fps with selectable 1-6 fps [slient sequential shooting II] approx. 30 fps with selectable 1-5, 20, 30 fps [Pro Capture II] approx. 30 fps with selectable 1-5, 20, 30 fps [Pro Capture II] approx. 30 fps with selectable 1-5, 20, 30 fps [Pro Capture LI] approx. 30 fps with selectable 1-5, 20, 30 fps [Pro Capture LI] approx. 30 fps with selectable 1-5, 20, 30 fps [Pro Capture LI] approx. 30 fps with selectable 1-5, 20, 30 fps [Pro Capture LI] approx. 30 fps with selectable 1-5, 20, 30 fps [Pro Capture LI] approx. 30 fps with selectable 1-5, 20, 30 fps [Pro Capture LI] approx. 30 fps with selectable 1-5, 20, 30 fps [Pro Capture LI] approx. 30 fps with selectable 1-5, 20, 30 fps [Pro Capture LI] approx. 30 fps with selectable 1-5, 20, 30 fps [Pro Capture LI] approx. 30 fps with selectable 1-5, 20, 30 fps [Pro Capture LI] approx. 30 fps with selectable 1-5, 20, 30 fps [Pro Capture LI] approx. 30 fps with selectable 1-5, 20, 30 fps	Modes	Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift 4 modes (S-IS AUTO, S-IS1, S-IS2, S-IS3), OFF	
Stabilization Performance 5.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length 240mm (35mm equivalent: 80mm)) 6.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length 100mm (35mm equivalent: 200mm)), halfway release image stabilization Off Lens IS Priority Available Shutter / Sequential Shooting Focal-plane shutter: 1/8000 - 60 sec., with selectable EV adjustment steps (1/3, 1/2, 1) Live Bulb / Live Time: selectable exposure time (1 / 2 / 4 / 8 / 15 / 20 / 25 / 30 min.), with 8-min. default setting. Live Composite: maximum shooting time 3 hours Shutter Type Electronic first curtain shutter (Anti-shock mode): 1/3200 - 60 sec. Electronic shutter (Silent mode): 1/32000 - 60 sec. (Itill) Filcher scan: 1/7634 - 1/50.0 sec. (movie) Filcker scan: 1/2564 - 1/30.0 sec. (movie) Filcker scan: 1/250 - 1/30.0 sec. (sequential shooting H] approx. 10 fps with selectable 1-6 fps [Silent sequential shooting I] approx. 30 fps with selectable 1-6 fps [Silent sequential shooting I] approx. 30 fps with selectable 1-10 fps [Silent sequential shooting I] approx. 30 fps with selectable 1-10 fps [Pro Capture I] approx. 30 fps with selectable 1-5, 20, 30 fps [Silent sequential shooting I] approx. 10 fps *When using the M.ZUIKO Digital ED 12-40mm F2.8 PRO *When using the M.ZUIKO Digital ED 12-40mm F2.8 PRO *Maximum sequential shooting Speed may be affected by several factors including lens used, brightness, aperture, shutter speed, and ISO setting. *When using the M.ZUIKO Digital ED 12-40mm F2.8 PRO *Maximum sequential shooting Speed may be affected by several factors including lens used, brightness, aperture, shutter speed, and ISO setting. *When in Pro Capture doe, slower shutter speeds and flash cannot be used. *Pro Capture L is available for lenses without communication capability. *In Pro Capture Sequential L, the minimum apperture is F8.	S.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length = 40mm (35mm equivalent: 80mm)) S.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length = 100mm (35mm equivalent: 80mm)) S.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length = 100mm (35mm equivalent: 200mm)), halfway release image stabilization Off Available	Modes Focal Length Setting	Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift 4 modes (S-IS AUTO, S-IS1, S-IS2, S-IS3), OFF 11 settings: 10 programmable settings (10 lenses), 1 open setting	
* Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length = 40mm (35mm equivalent: 80mm)) 6.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length = 100mm (35mm equivalent: 200mm)), halfway release image stabilization Off ***Energy Shutter / Sequential Shooting** ***Electronic first curtain shutter (1 / 2 / 4 / 8 / 15 / 20 / 25 / 30 min.), with 8-min. default setting. Live Composite: maximum shooting time 3 hours **Shutter Type** **Electronic first curtain shutter (Anti-shock mode): 1/3200 - 60 sec. (still) Flicker scan: 1/7634 - 1/50.0 sec. (movie) Flicker scan: 1/7634 - 1/50.0 sec. (movie) Flicker scan: 1/750- 1/30.0 (*) sec. **Soffs movie: 1/50.0 sec. (offs movie: 1/50.0 sec., 60fps movie: 1/50.0 sec., 60fps movie: 1/50.0 sec., 60fps movie: 1/50.0 sec. (still) Flicker scan: 1/7634 - 1/50.0 sec. (still) Sportscan: 1/7604 - 1/50.0 sec. (still) Flicker scan: 1/7634 - 1/50.0 sec. (still) Sportscan: 1/7604 - 1/50.0 sec. (still) Sportscan: 1/760	* Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length = 40mm (35mm equivalent: 80mm)) 6.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length = 100mm (35mm equivalent: 200mm)), halfway release image stabilization Off **Exemplay** **Available** **Shutter / Sequential Shooting** Focal-plane shutter: 1/8000 - 60 sec., with selectable EV adjustment steps (1/3, 1/2, 1) Live Bulb / Live Time: selectable exposure time (1 / 2 / 4 / 8 / 15 / 20 / 25 / 30 min.), with 8-min. default setting. Live Composite: maximum shooting time 3 hours **Shutter Type** Electronic first curtain shutter (Anti-shock mode): 1/3200 - 60 sec. Electronic shutter (Silent mode): 1/32000 - 60 sec. (Istill) Flicker scan: 1/253 - 1/300 sec. (Silil) Flicker scan: 1/250 sec.	Modes Focal Length Setting	Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift 4 modes (S-IS AUTO, S-IS1, S-IS2, S-IS3), OFF 11 settings: 10 programmable settings (10 lenses), 1 open setting Available*	
Admin (35mm equivalent: 80mm) 5.5 EV * *Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length = 100mm (35mm equivalent: 200mm)), halfway release image stabilization Off Available	### Stabilization Performance #### Sead on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length = 100mm (35mm equivalent: 200mm)), halfway release image stabilization Off #### Shutter / Sequential Shooting ##### Shutter / Sequential Shooting time 3 hours #### Shutter Type ####################################	Modes Focal Length Setting	Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift 4 modes (S-IS AUTO, S-IS1, S-IS2, S-IS3), OFF 11 settings: 10 programmable settings (10 lenses), 1 open setting Available* *When using M.Zuiko Digital lenses equipped with image stabilization	
Sased on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length = 100mm (35mm equivalent: 200mm)), halfway release image stabilization Off	S. 5 EV * * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length =100mm (35mm equivalent: 200mm)), halfway release image stabilization Off Available	Modes Focal Length Setting	Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift 4 modes (S-IS AUTO, S-IS1, S-IS2, S-IS3), OFF 11 settings: 10 programmable settings (10 lenses), 1 open setting Available* *When using M.Zuiko Digital lenses equipped with image stabilization 5.5 EV[*]	
# Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length = 100mm (35mm equivalent: 200mm)), halfway release image stabilization Off **Notter**	**Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length = 100mm (35mm equivalent: 200mm)), halfway release image stabilization Off **Shutter / Sequential Shooting** Focal-plane shutter : 1/8000 - 60 sec., with selectable EV adjustment steps (1/3, 1/2, 1) Live Bulb / Live Time: selectable exposure time (1/2 / 4 / 8 / 15 / 20 / 25 / 30 min.), with 8-min. default setting. Live Composite: maximum shooting time 3 hours Shutter Type	Modes Focal Length Setting	Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift 4 modes (S-IS AUTO, S-IS1, S-IS2, S-IS3), OFF 11 settings: 10 programmable settings (10 lenses), 1 open setting Available* *When using M.Zuiko Digital lenses equipped with image stabilization 5.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length	
Eens IS Priority	Lens IS Priority	Modes Focal Length Setting 5-Axis Sync IS	Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift 4 modes (S-IS AUTO, S-IS1, S-IS2, S-IS3), OFF 11 settings: 10 programmable settings (10 lenses), 1 open setting Available* *When using M.Zuiko Digital lenses equipped with image stabilization 5.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length =40mm (35mm equivalent: 80mm))	
Lens IS Priority	Available Shutter / Sequential Shooting	Modes Focal Length Setting 5-Axis Sync IS	Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift 4 modes (S-IS AUTO, S-IS1, S-IS2, S-IS3), OFF 11 settings: 10 programmable settings (10 lenses), 1 open setting Available* *When using M.Zuiko Digital lenses equipped with image stabilization 5.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length =40mm (35mm equivalent: 80mm)) 6.5 EV[*]	
Shutter / Sequential Shooting Focal-plane shutter: 1/8000 - 60 sec., with selectable EV adjustment steps (1/3, 1/2, 1) Live Bulb / Live Time: selectable exposure time (1 / 2 / 4 / 8 / 15 / 20 / 25 / 30 min.), with 8-min. default setting. Live Composite: maximum shooting time 3 hours Shutter Type Electronic first curtain shutter (Anti-shock mode): 1/320 - 60 sec. [Electronic shutter (Silent mode): 1/32000 - 60 sec. (still) Flicker scan: 1/7634 - 1/50.0 sec. (movie) Flicker scan: 1/7504 - 1/30.0 [*] sec. (movie) Flicker scan: 1/250 - 1/30.0 [*] sec. *50fps movie: 1/50.0 sec., 60fps movie: 1/60.0sec., High speed video: 1/120.0sec. [Sequential shooting H] approx. 10 fps with selectable 5 - 10 fps [Sequential shooting L] approx. 5.5 fps with selectable 1-6 fps [Silent sequential shooting L] approx. 5.5 fps with selectable 1-6 fps [Silent sequential shooting L] approx. 30 fps with selectable 15, 20, 30 fps [Silent sequential shooting L] approx. 10 fps with selectable 1-10fps [Pro Capture H] approx. 30 fps with selectable 15, 20, 30 fps [Pro Capture L] approx. 10 fps *When using the M.ZUIKO Digital ED 12-40mm F2.8 PRO *Maximum sequential shooting speed may be affected by several factors including lens used, brightness, aperture, shutter speed, and ISO setting. *When in Pro Capture mode, slower shutter speeds and flash cannot be used. *Pro Capture L is available when an M.ZUIKO lens or lens without communication capability) is attached. (Auto-focus is not available for lenses without communication capability). *In Pro Capture Sequential L, the minimum aperture is F8.	Shutter / Sequential Shooting	Modes Focal Length Setting 5-Axis Sync IS	Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift 4 modes (S-IS AUTO, S-IS1, S-IS2, S-IS3), OFF 11 settings: 10 programmable settings (10 lenses), 1 open setting Available* *When using M.Zuiko Digital lenses equipped with image stabilization 5.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length = 40mm (35mm equivalent: 80mm)) 6.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length	
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[Anti-shock sequential shooting L] approx. 5.5 fps with selectable 1-6 fps [Silent sequential shooting H] approx. 30 fps with selectable 15, 20, 30 fps [Silent sequential shooting L] approx. 10 fps with selectable 1-10fps [Pro Capture H] approx. 30 fps with selectable 15, 20, 30fps [Pro Capture L] approx. 10 fps *When using the M.ZUIKO Digital ED 12-40mm F2.8 PRO *Maximum sequential shooting speed may be affected by several factors including lens used, brightness, aperture, shutter speed, and ISO setting. *When in Pro Capture mode, slower shutter speeds and flash cannot be used. *Pro Capture L is available when an M.ZUIKO lens or lens without communication capability is attached. (Autofocus is not available for lenses without communication capability). *In Pro Capture Sequential L, the minimum aperture is F8.	[Anti-shock sequential shooting L] approx. 5.5 fps with selectable 1-6 fps [Silent sequential shooting H] approx. 30 fps with selectable 15, 20, 30 fps [Silent sequential shooting L] approx. 10 fps with selectable 1-10fps [Pro Capture H] approx. 30 fps with selectable 15, 20, 30fps [Pro Capture L] approx. 10 fps *When using the M.ZUIKO Digital ED 12-40mm F2.8 PRO *Maximum sequential shooting speed may be affected by several factors including lens used, brightness, aperture, shutter speed, and ISO setting. *When in Pro Capture mode, slower shutter speeds and flash cannot be used. *Pro Capture L is available when an M.ZUIKO lens or lens without communication capability is attached. (Autofocus is not available for lenses without communication capability). *In Pro Capture Sequential L, the minimum aperture is F8. *When ISO is 8000 or above, the maximum sequential shooting speed is 30 fps, and the actual shooting speed may become slower than the set shooting speed by a few frames per second. When using ISO Bracketing, performance will be affected at ISO 2000 or above.	Modes Focal Length Setting 5-Axis Sync IS Stabilization Performance Lens IS Priority	Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift 4 modes (S-IS AUTO, S-IS1, S-IS2, S-IS3), OFF 11 settings: 10 programmable settings (10 lenses), 1 open setting Available* *When using M.Zuiko Digital lenses equipped with image stabilization 5.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length =40mm (35mm equivalent: 80mm)) 6.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length =100mm (35mm equivalent: 200mm)), halfway release image stabilization Off Available Shutter / Sequential Shooting Focal-plane shutter: 1/8000 - 60 sec., with selectable EV adjustment steps (1/3, 1/2, 1) Live Bulb / Live Time: selectable exposure time (1 / 2 / 4 / 8 / 15 / 20 / 25 / 30 min.), with 8-min. default setting. Live Composite: maximum shooting time 3 hours Electronic first curtain shutter (Anti-shock mode): 1/3200 - 60 sec. Electronic shutter (Silent mode): 1/32000 - 60 sec. (still) Flicker scan: 1/250 - 1/30.0[*] sec. *50fps movie: 1/50.0 sec., 60fps movie: 1/60.0sec., High speed video: 1/120.0sec.	
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[Silent sequential shooting L] approx. 10 fps with selectable 1-10fps [Pro Capture H] approx. 30 fps with selectable 15, 20, 30fps [Pro Capture L] approx. 10 fps *When using the M.ZUIKO Digital ED 12-40mm F2.8 PRO *Maximum sequential shooting speed may be affected by several factors including lens used, brightness, aperture, shutter speed, and ISO setting. *When in Pro Capture mode, slower shutter speeds and flash cannot be used. *Pro Capture L is available when an M.ZUIKO lens or lens without communication capability is attached. (Autofocus is not available for lenses without communication capability). *In Pro Capture Sequential L, the minimum aperture is F8.	[Silent sequential shooting L] approx. 10 fps with selectable 1-10fps [Pro Capture H] approx. 30 fps with selectable 15, 20, 30fps [Pro Capture L] approx. 10 fps *When using the M.ZUIKO Digital ED 12-40mm F2.8 PRO *Maximum Sequential shooting speed may be affected by several factors including lens used, brightness, aperture, shutter speed, and ISO setting. *When in Pro Capture mode, slower shutter speeds and flash cannot be used. *Pro Capture L is available when an M.ZUIKO lens or lens without communication capability is attached. (Autofocus is not available for lenses without communication capability). *In Pro Capture Sequential L, the minimum aperture is F8. *When ISO is 8000 or above, the maximum sequential shooting speed is 30 fps, and the actual shooting speed may become slower than the set shooting speed by a few frames per second. When using ISO Bracketing, performance will be affected at ISO 2000 or above.	Modes Focal Length Setting 5-Axis Sync IS Stabilization Performance Lens IS Priority	Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift 4 modes (S-IS AUTO, S-IS1, S-IS2, S-IS3), OFF 11 settings: 10 programmable settings (10 lenses), 1 open setting Available* *When using M.Zuiko Digital lenses equipped with image stabilization 5.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length =40mm (35mm equivalent: 80mm)) 6.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length =100mm (35mm equivalent: 200mm)), halfway release image stabilization Off Available Shutter / Sequential Shooting Focal-plane shutter: 1/8000 - 60 sec., with selectable EV adjustment steps (1/3, 1/2, 1) Live Bulb / Live Time: selectable exposure time (1 / 2 / 4 / 8 / 15 / 20 / 25 / 30 min.), with 8-min. default setting. Live Composite: maximum shooting time 3 hours Electronic first curtain shutter (Anti-shock mode): 1/320 - 60 sec. Electronic shutter (Silent mode): 1/32000 - 60 sec. (still) Flicker scan: 1/250 - 1/30.0[*] sec. *50fps movie: 1/50.0 sec., 60fps movie: 1/60.0sec., High speed video: 1/120.0sec. [Sequential shooting H] approx. 10 fps with selectable 5 -10 fps [Sequential shooting L] approx. 6fps with selectable 1-6 fps	
[Pro Capture H] approx. 30 fps with selectable 15, 20, 30fps [Pro Capture L] approx. 10 fps *When using the M.ZUIKO Digital ED 12-40mm F2.8 PRO *Maximum Speed *Maximum Speed and ISO setting. *When in Pro Capture mode, slower shutter speeds and flash cannot be used. *Pro Capture L is available when an M.ZUIKO lens or lens without communication capability is attached. (Autofocus is not available for lenses without communication capability). *In Pro Capture Sequential L, the minimum aperture is F8.	[Pro Capture H] approx. 30 fps with selectable 15, 20, 30fps [Pro Capture L] approx. 10 fps *When using the M.ZUIKO Digital ED 12-40mm F2.8 PRO *Maximum Speed *Maximum Speed may be affected by several factors including lens used, brightness, aperture, shutter speed, and ISO setting. *When in Pro Capture mode, slower shutter speeds and flash cannot be used. *Pro Capture L is available when an M.ZUIKO lens or lens without communication capability is attached. (Autofocus is not available for lenses without communication capability). *In Pro Capture Sequential L, the minimum aperture is F8. *When ISO is 8000 or above, the maximum sequential shooting speed is 30 fps, and the actual shooting speed may become slower than the set shooting speed by a few frames per second. When using ISO Bracketing, performance will be affected at ISO 2000 or above.	Modes Focal Length Setting 5-Axis Sync IS Stabilization Performance Lens IS Priority	Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift 4 modes (S-IS AUTO, S-IS1, S-IS2, S-IS3), OFF 11 settings: 10 programmable settings (10 lenses), 1 open setting Available* *When using M.Zuiko Digital lenses equipped with image stabilization 5.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length =40mm (35mm equivalent: 80mm)) 6.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length =100mm (35mm equivalent: 200mm)), halfway release image stabilization Off Available Shutter / Sequential Shooting Focal-plane shutter: 1/8000 - 60 sec., with selectable EV adjustment steps (1/3, 1/2, 1) Live Bulb / Live Time: selectable exposure time (1 / 2 / 4 / 8 / 15 / 20 / 25 / 30 min.), with 8-min. default setting. Live Composite: maximum shooting time 3 hours Electronic first curtain shutter (Anti-shock mode): 1/320 - 60 sec. Electronic shutter (Silent mode): 1/32000 - 60 sec. (still) Flicker scan: 1/7634 - 1/50.0 sec. (movie) Flicker scan: 1/750- 1/30.0[*] sec. **50fps movie: 1/50.0 sec., 60fps movie: 1/60.0sec., High speed video: 1/120.0sec. [Sequential shooting H] approx. 10 fps with selectable 1-6 fps [Anti-shock sequential shooting L] approx. 6fps with selectable 1-6 fps	
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*In Pro Capture Sequential L, the minimum aperture is F8.	*In Pro Capture Sequential L, the minimum aperture is F8. *When ISO is 8000 or above, the maximum sequential shooting speed is 30 fps, and the actual shooting speed may become slower than the set shooting speed by a few frames per second. When using ISO Bracketing, performance will be affected at ISO 2000 or above.	Modes Focal Length Setting 5-Axis Sync IS Stabilization Performance Lens IS Priority Shutter Type	Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift 4 modes (S-IS AUTO, 5-IS1, S-IS2, S-IS3), OFF 11 settings: 10 programmable settings (10 lenses), 1 open setting Available* *When using M.Zuiko Digital lenses equipped with image stabilization 5.5 EV[*] *Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length = 40mm (35mm equivalent: 80mm)) 6.5 EV[*] *Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length = 100mm (35mm equivalent: 200mm)), halfway release image stabilization Off Available *Shutter / Sequential Shooting Focal-plane shutter : 1/8000 - 60 sec., with selectable EV adjustment steps (1/3, 1/2, 1) Live Bulb / Live Time: selectable exposure time (1 / 2 / 4 / 8 / 15 / 20 / 25 / 30 min.), with 8-min. default setting. Live Composite: maximum shooting time 3 hours Electronic first curtain shutter (Anti-shock mode) : 1/320 - 60 sec. Electronic first curtain shutter (Anti-shock mode) : 1/320 - 60 sec. (still) Flicker scan: 1/7634 - 1/50.0 sec. (movie) Flicker scan: 1/250 - 1/30.0[*] sec. *Sofps movie: 1/50.0 sec., 60fps movie: 1/60.0sec., High speed video: 1/120.0sec. [Sequential shooting L] approx. 10 fps with selectable 1-6 fps [Sequential shooting L] approx. 30 fps with selectable 1-6 fps [Silent sequential shooting L] approx. 30 fps with selectable 15, 20, 30 fps [Silent sequential shooting L] approx. 30 fps with selectable 1-10fps [Pro Capture H] approx. 30 fps with selectable 15, 20, 30 fps [Pro Capture H] approx. 30 fps with selectable 1-10fps Pro Capture H] approx. 30 fps with selectable 15, 20, 30 fps *When using the M.ZUIKO Digital ED 12-40mm F2.8 PRO *Maximum sequential shooting speed may be affected by several factors including lens used, brightness, aperture, shutter speed, and ISO setting. *When in Pro Capture mode, slower shutter speeds and flash cannot be used.	
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إ‴when الالالالالالالالالالالالالالالالالالال	will be affected at ISO 2000 or above.	Modes Focal Length Setting 5-Axis Sync IS Stabilization Performance Lens IS Priority Shutter Type	Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift 4 modes (S-IS AUTO, 5-IS1, 5-IS2, S-IS3), OFF 11 settings: 10 programmable settings (10 lenses), 1 open setting Available* *When using M.Zuiko Digital lenses equipped with image stabilization 5.5 EV[*] *Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length = 40mm (35mm equivalent: 80mm)) 6.5 EV[*] *Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length = 100mm (35mm equivalent: 200mm)), halfway release image stabilization Off Available Shutter / Sequential Shooting Focal-plane shutter : 1/8000 - 60 sec., with selectable EV adjustment steps (1/3, 1/2, 1) Live Bulb / Live Time: selectable exposure time (1 / 2 / 4 / 8 / 15 / 20 / 25 / 30 min.), with 8-min. default setting. Live Composite: maximum shooting time 3 hours Electronic first curtain shutter (Anti-shock mode): 1/320 - 60 sec. [still) Flicker scan: 1/7634 - 1/50.0 sec. (movie) Flicker scan: 1/250 - 1/30.01*] sec. *Softps movie: 1/50.0 sec., 60fps movie: 1/60.0sec., High speed video: 1/120.0sec. [Sequential shooting L] approx. 10 fps with selectable 1-6 fps [Silent sequential shooting L] approx. 5.5 fps with selectable 1-6 fps [Silent sequential shooting L] approx. 30 fps with selectable 1-10fps [Pro Capture L] approx. 30 fps with selectable 1-10fps [Pro Capture L] approx. 30 fps with selectable 1-10fps [Pro Capture L] approx. 30 fps with selectable 1-10fps Pro Capture L] approx. 30 fps with selectable 1-10fps *When using the M.ZUIKO Digital ED 12-40mm F2.8 PRO *When in Pro Capture mode, slower shutter speeds and flash cannot be used. *Pro Capture L is available for lenses without communication capability is attached. (Autofocus is not available for lenses without communication capability).	
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	1*Encurs and expecting are fixed at the values of the first shot when using convential shop	Modes Focal Length Setting 5-Axis Sync IS Stabilization Performance Lens IS Priority Shutter Type	Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift 4 modes (S-IS-SUTO, S-ISI, S-ISI, S-ISI, OFF 11 settings: 10 programmable settings (10 lenses), 1 open setting Available* *When using M.Zuiko Digital lenses equipped with image stabilization 5.5 EV[*] *Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length e40mm (35mm equivalent: 80mm)) 6.5 EV[*] *Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length e100mm (35mm equivalent: 200mm)), halfway release image stabilization Off Available Shutter / Sequential Shooting Focal-plane shutter: 1/8000 - 60 sec., with selectable EV adjustment steps (1/3, 1/2, 1) Live Bulb / Live Time: selectable exposure time (1 / 2 / 4 / 8 / 15 / 20 / 25 / 30 min.), with 8-min. default setting. Live Composite: maximum shooting time 3 hours Electronic first curtain shutter (Anti-shock mode): 1/320 - 60 sec. Electronic shutter (Silent mode): 1/32000 - 60 sec. (still) Flicker scan: 1/7634 - 1/50.0 sec. (movie) Flicker scan: 1/250 - 1/30.0[*] sec. *50fps movie: 1/50.0 sec., 60fps movie: 1/60.0sec., High speed video: 1/120.0sec. [Sequential shooting L] approx. 0 fps with selectable 1-6 fps [Sequential shooting L] approx. 10 fps with selectable 1-10fps [Foc Capture H] approx. 30 fps with selectable 1-10fps [Pro Capture H] approx. 30 fps with selectable 1-10fps [Pro Capture H] approx. 30 fps with selectable 1-10fps [Pro Capture H] approx. 30 fps with selectable 1-10fps [Pro Capture H] approx. 30 fps with selectable 1-10fps [Pro Capture H] approx. 30 fps with selectable 1-10fps [Pro Capture H] approx. 30 fps with selectable 1-10fps [Pro Capture H] approx. 30 fps with selectable 1-10fps [Pro Capture H] approx. 30 fps with selectable 1-10fps [Pro Capture H] approx. 40 fps *When using the M.ZUIKO Digital ED 12-40mm F2.8 PRO *Maximum sequential shooting speed may be affected by several factors including lens used,	
the transfer of the transfer o	rocus and exposure are fixed at the values of the first shot when using sequential shoo	Modes Focal Length Setting 5-Axis Sync IS Stabilization Performance Lens IS Priority Shutter Type	Built-in 5-axis* sensor-shift image stabilization for movie and still photos *yaw/pitch/roll/vertical shift/horizontal shift 4 modes (S-I-S AUTO, 5-ISI, 5-ISI, 5-ISI, OFF 11 settings: 10 programmable settings (10 lenses), 1 open setting Available* *When using M.Zuiko Digital lenses equipped with image stabilization 5.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-40mm F2.8 PRO (focal length = 40mm (35mm equivalent: 80mm)) 6.5 EV[*] * Based on CIPA measurement conditions. When using M.ZUIKO Digital ED 12-100mm F4.0 PRO (focal length = 100mm (35mm equivalent: 200mm)), halfway release image stabilization Off Available **Shutter / Sequential Shooting** Focal-plane shutter: 1/8000 - 60 sec., with selectable EV adjustment steps (1/3, 1/2, 1) Live Bulb / Live Time: selectable exposure time (1 / 2 / 4 / 8 / 15 / 20 / 25 / 30 min.), with 8-min. default setting. Live Composite: maximum shooting time 3 hours Electronic first curtain shutter (Anti-shock mode): 1/320 - 60 sec. Electronic First curtain shutter (Anti-shock mode): 1/320 - 60 sec. [still) Flicker scan: 1/7634 - 1/50.0 sec. (movie) Flicker scan: 1/7634 - 1/50.0 sec. [sequential shooting H] approx. 10 fps with selectable 5 - 10 fps [Sequential shooting H] approx. 10 fps with selectable 1-6 fps [Anti-shock sequential shooting L] approx. 5.5 fps with selectable 1-5 fps [Silent sequential shooting H] approx. 30 fps with selectable 15, 20, 30 fps [Silent sequential shooting H] approx. 30 fps with selectable 15, 20, 30 fps [For Capture L] approx. 30 fps with selectable 15, 20, 30 fps [Pro Capture H] approx. 30 fps with selectable 15, 20, 30 fps [Pro Capture L] approx. 30 fps with selectable 15, 20, 30 fps [Pro Capture L] approx. 30 fps with selectable 15, 20, 30 fps [Pro Capture L] approx. 30 fps with selectable 15, 20, 30 fps [Pro Capture L] approx. 30 fps with selectable 15, 20, 30 fps [Pro Capture L] approx. 30 fps with selectable 15, 20, 30 fps [Pro Capture L] approx. 30 fps with selectable 15, 20, 30 fps [

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	[Sequential shooting H 10fps] RAW: Max. 150 frames, JPEG (LF): Until card is full
	[Sequential shooting L 6fps] RAW, JPEG (LF): Until card is full [Silent sequential shooting H 30fps] RAW: Max. 23 frames, JPEG (LF): Max. 26 frames
Max. Recordable Pictures in Sequential Shooting	[Silent sequential shooting L 10fps] RAW: Max. 25 frames, JPEG (LF): Until card is full
	*When using the M.ZUIKO Digital ED 12-40mm F2.8 PRO and the Toshiba SDXU-D032G memory card
Sequential Shooting Frame Count	1 - 99 frames
Pre-shutter Frames	Number of frames recorded prior to full-press of the shutter button can be set from 0 to 14 frames
*For Pro Capture mode only	Operation time: 12 sec., 2 sec., custom (Wait time: 1-30sec., Shot interval: 0.5/1/2/3sec., Number of shots: 1-10,
Self Timer	Every time AF: ON/OFF)
	Viewfinder / Monitor
Finder Type	Eye-level electronic viewfinder (OLED), approx. 2.36M dots
	Approx. 100% / Approx. 1.20x[*1] - 1.37x[*2] (-1m-1, 50mm lens, Infinity)
Field of View / Viewfinder Magnification	* 1: Finder Style 1, 2 (aspect ratio 4:3)
Fire Point / Diseaton Adirectors and Dones	* 2: Finder Style 3 (aspect ratio 4:3)
Eye Point / Diopter Adjustment Range Preview	Approx. 27mm (-1m-1, Distance from rear lens surface) / -4 ~ +2m-1 Live View preview with depth of field preview lock
	Off / normal grid / trichotomy / golden grid / scale / diagonal / movie grid
Display Grid	* grid color is selectable
Level Gauge	2-axis (horizontal / vertical) level gauge
One Touch Tele-Converter	Available (2x)
Finder Style	3 styles
Brightness / Color Temp Control	Adaptive brightness technology (EVF Auto Luminance) / ±7 level manual brightness control /±7 level manual color temperature control
	3.0-inch vari-angle monitor[*]
Rear Monitor Size	* Approx. 1.04M dots (3:2), electrostatic capacitance touch panel
Touch Control	Shutter release, Touch AF (AF area selection, AF area size adjustment) AF targeting pad, frame forward/backward,
	magnified playback, Super Control Panel, Wi-Fi connection, movie controls
Tilting Capability	Available (mirror display when monitor is in self portrait position)
Brightness / Color Temp Control (Rear Monitor) Color Tone Select	±7 levels / ±7 levels Vivid / Natural
Color Tolic Sciect	Approx. 100% field of view,
Live View	exposure compensation preview, WB adjustment preview,
Live View	gradation preview, face detection preview (up to 8 faces),
	grid line, magnification display (x3/x5/x7/x10/x14),
	Live View Boost 1, Live View Boost 2* (For dark situations)
Live View Boost	*Settings can be specified for each shooting mode *Live View Boost 2: Frame Rate Priority or Quality Priority selectable
	*Off: Brightness in Live View shows specified exposure settings.
	Exposure Control / Flash
	Digital ESP metering (324-area multi pattern metering), center-weighted average metering, spot metering*, spot
Metering System	metering with highlight control, spot metering with shadow control
Materine Deve	*Also available AF target spot metering
Metering Range	EV -2 - 20 (ISO approx.100, with a F2.8 lens) AUTO
	AUTO
	Program AE (Program shift can be performed) Aperture priority AE
	Program AE (Program shift can be performed)
	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual
Evensure Mode / Shooting Mode	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual Bulb (Live Bulb, Live Time and Live Composite are available)
Exposure Mode / Shooting Mode	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual Bulb (Live Bulb, Live Time and Live Composite are available) Custom *
Exposure Mode / Shooting Mode	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual Bulb (Live Bulb, Live Time and Live Composite are available)
Exposure Mode / Shooting Mode	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual Bulb (Live Bulb, Live Time and Live Composite are available) Custom * Scene select AE
Exposure Mode / Shooting Mode	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual Bulb (Live Bulb, Live Time and Live Composite are available) Custom * Scene select AE Art Filter Underwater wide / macro**
Exposure Mode / Shooting Mode	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual Bulb (Live Bulb, Live Time and Live Composite are available) Custom * Scene select AE Art Filter Underwater wide / macro** **to be assigned to custom button
Exposure Mode / Shooting Mode	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual Bulb (Live Bulb, Live Time and Live Composite are available) Custom * Scene select AE Art Filter Underwater wide / macro** **to be assigned to custom button *Custom settings from menu
Exposure Mode / Shooting Mode	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual Bulb (Live Bulb, Live Time and Live Composite are available) Custom * Scene select AE Art Filter Underwater wide / macro** **to be assigned to custom button *Custom settings from menu [Scene]
	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual Bulb (Live Bulb, Live Time and Live Composite are available) Custom * Scene select AE Art Filter Underwater wide / macro** **to be assigned to custom button *Custom settings from menu
Exposure Mode / Shooting Mode Scene Select AE	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual Bulb (Live Bulb, Live Time and Live Composite are available) Custom * Scene select AE Art Filter Underwater wide / macro** **to be assigned to custom button *Custom settings from menu [Scene] Portrait, e-Portrait, Landscape + Portrait, Night + Portrait, Children, Night scape, Sport, Hand-held Starlight[2],
	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual Bulb (Live Bulb, Live Time and Live Composite are available) Custom * Scene select AE Art Filter Underwater wide / macro** **to be assigned to custom button *Custom settings from menu [Scene] Portrait, e-Portrait, Landscape + Portrait, Night + Portrait, Children, Night scape, Sport, Hand-held Starlight[2], Fireworks, Light trails, Sports, Panning, Landscape, Sunset, Beach & Snow, Backlight HDR[1], Candlelight, Silent, Macro, Nature Macro, Documents, Multi Focus Shot *1 4 images automatically shot and combined into a single image composite
	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual Bulb (Live Bulb, Live Time and Live Composite are available) Custom * Scene select AE Art Filter Underwater wide / macro** **to be assigned to custom button *Custom settings from menu [Scene] Portrait, e-Portrait, Landscape + Portrait, Night + Portrait, Children, Night scape, Sport, Hand-held Starlight[2], Fireworks, Light trails, Sports, Panning, Landscape, Sunset, Beach & Snow, Backlight HDR[1], Candlelight, Silent, Macro, Nature Macro, Documents, Multi Focus Shot *1 4 images automatically shot and combined into a single image composite *2 8 images automatically shot and combined into a single image composite
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Scene Select AE ISO Sensitivity Exposure Compensation AE Lock Anti-Flicker Shooting Flash Intensity Control Mode Flash Mode Synchronization Speed Flash Intensity Control Compatible External Flash Wireless Flash Control Method External Flash Intensity Type Channel No. Group No.	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual Bulb (Live Bulb, Live Time and Live Composite are available) Custom * Scene select AE Art Filter Underwater wide / macro** **to be assigned to custom button *Custom settings from menu [Scene] Portrait, e-Portrait, Landscape + Portrait, Night + Portrait, Children, Night scape, Sport, Hand-held Starlight[2], Fireworks, Light trails, Sports, Panning, Landscape, Sunset, Beach & Snow, Backlight HDR[1], Candlelight, Silent, Macro, Nature Macro, Documents, Multi Focus Shot *14 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite AUTO ISO (default): LOW (approx.64) - 6400 with customizable default and upper limit (200 - 6400) Manual ISO: LOW (approx.64, approx.100), 200 - 25600 (adjustable in 1/3 or 1 EV steps) #5 EV, adjustable by 1/3, 1/2 or 1 EV steps When shooting in HDR or in video, only adjustable up to ±3 EV steps Live View only reflects up to ±3 EV steps Live View only reflects up to ±3 EV steps Live View only reflects up to ±3 EV steps Locks with a half-press of the shutter button (can be set to AEL/AFL button as well) Available TITL Auto, Auto*, Manual, Super FP*(FP-TTL AUTO, FP-MANUAL) * Available with external flash Redeye, Fill-in, Flash Off, Red-eye Slow sync.(1st curtain), Slow sync.(1st curtain), Slow sync.(2nd curtain), Manual (1/1 (FULL) ~ 1/64) 1/250 sec. *When using Super FP: 1/125-1/8000 sec. *When using leectronic shutter: 1/50 sec. up to ISO6400, 1/20 sec. for ISO 8000 and higher, and 1/20 sec. for ISO bracketing Up to ±3 EV in 1/3, 1/2, 1 EV steps selectable EL-50R, FL-36R, FL-20, FL-14, FL-300R, FL-600R, FL-900R, STF-8, FL-700WR TTT, Auto, Auto, Manual, FP-TTL-AUTO, FP-MANUAL 4 channels 4 groups (External flash 3 groups + commander flash)
Scene Select AE ISO Sensitivity Exposure Compensation AE Lock Anti-Flicker Shooting Flash Intensity Control Mode Flash Mode Synchronization Speed Flash Intensity Control Compatible External Flash Wireless Flash Control Method External Flash Intensity Type Channel No.	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual Bulb (Live Bulb, Live Time and Live Composite are available) Custom ** Scene select AE Art Filter Underwater wide / macro** **to be assigned to custom button *Custom settings from menu [Scene] Portrait, e-Portrait, Landscape + Portrait, Night + Portrait, Children, Night scape, Sport, Hand-held Starlight[2], Fireworks, Light trails, Sports, Panning, Landscape, Sunset, Beach & Snow, Backlight HDR[1], Candlelight, Silent, Macro, Nature Macro, Documents, Multi Focus Shot *14 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 image composite *28 image composite *28 image composite *29 image composite *20 image composite
Scene Select AE ISO Sensitivity Exposure Compensation AE Lock Anti-Flicker Shooting Flash Intensity Control Mode Flash Mode Synchronization Speed Flash Intensity Control Compatible External Flash Wireless Flash Control Method External Flash Intensity Type Channel No. Group No. Radio Wireless Control	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual Bulb (Live Bulb, Live Time and Live Composite are available) Custom ** Scene select AE Art Filter Underwater wide / macro** **to be assigned to custom button ** Custom settings from menu [Scene] Portrait, e-Portrait, Landscape + Portrait, Night + Portrait, Children, Night scape, Sport, Hand-held Starlight[2], Fireworks, Light trails, Sports, Panning, Landscape, Sunset, Beach & Snow, Backlight HDR[1], Candlelight, Silent, Macro, Nature Macro, Documents, Multi Focus Shot *1 4 Images automatically shot and combined into a single image composite *2 8 Images automatically shot and combined into a single image composite *2 8 Images automatically shot and combined into a single image composite *2 8 Images automatically shot and combined into a single image composite *3 8 Images automatically shot and combined into a single image composite *4 10 Images automatically shot and combined into a single image composite *4 10 Images automatically shot and combined into a single image composite *4 10 Images automatically shot and combined into a single image composite *4 11 Images automatically shot and combined into a single image composite *4 28 Images automatically shot and combined into a single image composite *4 28 Images automatically shot and combined into a single image composite *4 28 Images automatically shot and combined into a single image composite *4 10 Images automatically shot and combined into a single image composite *4 28 Images automatically shot and combined into a single image composite *4 28 Images automatically shot and combined into a single image composite *4 28 Images automatically shot and combined into a single image composite *4 28 Images automatically shot and combined into a single image composite *4 28 Images automatically shot and combined into a single image composite *4 28 Images automatically shot and shot shot shot shot shot shot shot shot
Scene Select AE ISO Sensitivity Exposure Compensation AE Lock Anti-Flicker Shooting Flash Intensity Control Mode Flash Mode Synchronization Speed Flash Intensity Control Compatible External Flash Wireless Flash Control Method External Flash Intensity Type Channel No. Group No.	Program AE (Program shift can be performed) Aperture priority AE Shutter priority AE Manual Bulb (Live Bulb, Live Time and Live Composite are available) Custom ** Scene select AE Art Filter Underwater wide / macro** **to be assigned to custom button *Custom settings from menu [Scene] Portrait, e-Portrait, Landscape + Portrait, Night + Portrait, Children, Night scape, Sport, Hand-held Starlight[2], Fireworks, Light trails, Sports, Panning, Landscape, Sunset, Beach & Snow, Backlight HDR[1], Candlelight, Silent, Macro, Nature Macro, Documents, Multi Focus Shot *14 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 images automatically shot and combined into a single image composite *28 image composite *28 image composite *28 image composite *29 image composite *20 image composite

Recording Format	DCF2.0, Exif2.31
File Format	RAW (12-bit lossless compression), JPEG, RAW+JPEG
	[RAW] 5184 x 3888 pixels
Recording Image Size	[JPEG] 5184 x 3888 pixels - 1024 x 768 pixels
	White Balance / Color Mode
White Balance Mode	Auto WB, 7 Preset WBs, 4 Capture WBs, Custom WB(Kelvin setting)
White Balance Compensation*	±7 steps along A-B / G-M axis
Preset White Balance	7 preset WBs (3000K - 7500K) - Sunny(5300K), Shadow(7500K), Cloudy(6000K), Incandescent(3000K), Fluorescent(4000K), Underwater, WB
rieset white balance	Flash(5500K)
CWB (Kelvin Setting)	2000 - 14000K
Capture White Balance	4 custom settings can be registered
Color Mode	sRGB, Adobe RGB
	Bracketing / HDR
Exposure Bracketing	2, 3 or 5 frames in 0.3/0.7/1.0EV steps selectable, 7 frames in 0.3/0.7EV steps selectable
ISO Bracketing White Balance Bracketing	3 frames in 0.3/0.7/1.0EV steps selectable 3 frames in 2, 4, 6 selectable steps for A-B/G-M axis.
Flash Bracketing	3 frames in 0.3/0.7/1.0EV step selectable
Art Filter Bracketing	i-Enhance, Vivid, Natural, Muted, Portrait, Monotone, Custom, Art Filters, Color Creator selectable
Focus Bracketing	3 to 999 shots, focus steps adjustable from 1 to 10 (compatible with Micro Four Thirds lenses)
	8 shots are taken at different focus points and automatically composited together into a single image
	Angle of view becomes slightly smaller
	Compatible with:
	M.ZUIKO Digital ED 60mm F2.8 Macro M.ZUIKO Digital ED 12-40mm F2.8 PRO
Focus Stacking Mode	M.ZUIKO Digital ED 12-4011111 F2.8 PRO M.ZUIKO Digital ED 40-150mm F2.8 PRO
	M.ZUIKO Digital ED 30mm F3.5 Macro
	M.ZUIKO Digital ED 7-14mm F2.8 PRO
	M.ZUIKO Digital ED 8mm F1.8 Fisheye PRO
	M.ZUIKO Digital ED 300mm F4.0 IS PRO
	M.ZUIKO Digital ED 12-100mm F4.0 IS PRO
	HDR1, HDR2 (painting-like)
HDR (Auto Composite)	ISO sensitivity is fixed at 200, and maximum shutter speed setting is 4 sec.
	Exposure compensation can be performed. HDR1, HDR2 (painting-like)
Bracketing for HDR post-process	ISO sensitivity is fixed at 200, and maximum shutter speed setting is 4 sec.
bracketing for ribit post-process	Exposure compensation can be performed.
	Creative Features
Picture Mode	i-Enhance, Vivid, Natural, Muted, Portrait, Monotone, Custom, e-Portrait, Underwater, Color Creator, Art Filters
Gradation	Auto, Normal, High Key, Low Key [except when using e-Portrait, Underwater, Art Filters, Color Creator]
Highlight and Shadow Control	±7 steps each for highlight, shadow, midtone
	Pop Art (I, II / a.b.c.d.e.f)
	Soft Focus (- / c.e) Pale & Light Color (I, II / a.b.c.d.f)
	Light Tone (- / d.f)
	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h)
	Light Tone (- / d.f)
Art Filter	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f)
Art Filter (Variation / Art Effect)	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.)
	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h)
	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.)
	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.)
	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.) Vintage (I, II, III / a.b.c.d.e.f.i)
	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.)
	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.) Vintage (I, II, III / a.b.c.d.e.f.) Partial Color (I, II, III / a.b.c.d.e.f.)
	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.) Vintage (I, II, III / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.) Bleach Bypass (I, II / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect
	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.) Vintage (I, II, III / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.i) Bleach Bypass (I, II / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect
	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.) Vintage (I, II, III / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.i) Bleach Bypass (I, II / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect
(Variation / Art Effect)	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.) Vintage (I, II, III / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f) Bleach Bypass (I, II / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect
	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, III / a.b.c.d.) Vintage (I, II, III / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.i) Bleach Bypass (I, II / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect
(Variation / Art Effect)	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.) Vintage (I, II, III / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.i) Bleach Bypass (I, II / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect f. Blur Effect (Top & bottom, Left & Right)
(Variation / Art Effect)	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.) Vintage (I, II, III / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.) Bleach Bypass (I, II / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect f. Blur Effect (Top & bottom, Left & Right) g. B&W Effect (None, Yellow, Orange, Red, Green)
(Variation / Art Effect)	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.) Vintage (I, II, III / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.i) Bleach Bypass (I, II / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect f. Blur Effect (Top & bottom, Left & Right)
(Variation / Art Effect) Art Effect Color Ring (for partial color)	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I, II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.) Vintage (I, II, III / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.i) Bleach Bypass (I, II / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect f. Blur Effect (Top & bottom, Left & Right) g. B&W Effect (None, Yellow, Orange, Red, Green) h. Picture Tone (None, Sepia, Blue, Purple, Green) i. Shade Effect (Top & bottom, Left & Right) 18 color selectable
(Variation / Art Effect) Art Effect Color Ring (for partial color) Color Creator	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.) Bleach Bypass (I, II, III / a.b.c.d.e.f.) Bleach Bypass (I, II / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect f. Blur Effect (Top & bottom, Left & Right) g. B&W Effect (None, Yellow, Orange, Red, Green) h. Picture Tone (None, Sepia, Blue, Purple, Green) i. Shade Effect (Top & bottom, Left & Right) 18 color selectable Color pattern: 30 colors / Saturation setting -4 ~ +3
(Variation / Art Effect) Art Effect Color Ring (for partial color) Color Creator Live Bulb / Live Time	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.j) Bleach Bypass (I, II / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect f. Blur Effect (Top & bottom, Left & Right) g. B&W Effect (None, Yellow, Orange, Red, Green) h. Picture Tone (None, Sepia, Blue, Purple, Green) i. Shade Effect (Top & bottom, Left & Right) 18 color selectable Color pattern: 30 colors / Saturation setting -4 ~ +3 Update Interval Time - 0.5 sec - 60 sec
(Variation / Art Effect) Art Effect Color Ring (for partial color) Color Creator	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Gentle Sepia (- / a.b.c.d.e.f) Gentle Sepia (- / a.b.c.d.e.f) Key Line (I, I / a.b.c.d.e.f) Key Line (I, I / a.b.c.d.e.f.) Watercolor (I, II / a.b.c.d.e.f.i) Partial Color (I, III / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect f. Blur Effect (Top & bottom, Left & Right) g. B&W Effect (None, Yellow, Orange, Red, Green) h. Picture Tone (None, Sepia, Blue, Purple, Green) i. Shade Effect (Top & bottom, Left & Right) 18 color selectable Color pattern: 30 colors / Saturation setting -4 ~ +3 Update Interval Time - 0.5 sec - 60 sec / Lighten Mode (Bright area prioritization)
(Variation / Art Effect) Art Effect Color Ring (for partial color) Color Creator Live Bulb / Live Time	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Gramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.) Watercolor (I, III / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect f. Blur Effect (Top & bottom, Left & Right) g. B&W Effect (None, Yellow, Orange, Red, Green) h. Picture Tone (None, Sepia, Blue, Purple, Green) i. Shade Effect (Top & bottom, Left & Right) 18 color selectable Color pattern: 30 colors / Saturation setting -4 ~ +3 Update Interval Time - 0.5 sec - 60 sec Update Interval Time / composite method - 0.5 sec - 60 sec / Lighten Mode (Bright area prioritization) Interval Time 1 sec 24 Hours, Max 999 frames.
(Variation / Art Effect) Art Effect Color Ring (for partial color) Color Creator Live Bulb / Live Time Live Composite	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Gentle Sepia (- / a.b.c.d.e.f) Gentle Sepia (- / a.b.c.d.e.f) Key Line (I, I / a.b.c.d.e.f) Key Line (I, I / a.b.c.d.e.f.) Watercolor (I, II / a.b.c.d.e.f.i) Partial Color (I, III / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect f. Blur Effect (Top & bottom, Left & Right) g. B&W Effect (None, Yellow, Orange, Red, Green) h. Picture Tone (None, Sepia, Blue, Purple, Green) i. Shade Effect (Top & bottom, Left & Right) 18 color selectable Color pattern: 30 colors / Saturation setting -4 ~ +3 Update Interval Time - 0.5 sec - 60 sec / Lighten Mode (Bright area prioritization)
Art Effect Color Ring (for partial color) Color Creator Live Bulb / Live Time Live Composite Interval Shooting	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f) Gentle Sepia (- / a.b.c.d.f) Gentle Sepia (- / a.b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.i) Bleach Bypass (I, II / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.ii) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect f. Blur Effect (Top & bottom, Left & Right) g. B&W Effect (None, Yellow, Orange, Red, Green) h. Picture Tone (None, Sepia, Blue, Purple, Green) i. Shade Effect (Top & bottom, Left & Right) 18 color selectable Color pattern: 30 colors / Saturation setting -4 ~ +3 Update Interval Time - 0.5 sec - 60 sec Lighten Mode (Bright area prioritization) Interval Time 1 sec24 Hours, Max 999 frames. Sutomatic creation of time-lapse movies possible
Art Effect Color Ring (for partial color) Color Creator Live Bulb / Live Time Live Composite Interval Shooting Multiple Exposure (number of pictures / function)	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I, III / d) Diorama (I, III / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f) Gentle Sepia (- / a.b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.f) Watercolor (I, II / a.b.c.d.e.f) Watercolor (I, II / III / a.b.c.d.e.f) Partial Color (I, II, III / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect f. Blur Effect (Top & bottom, Left & Right) g. B&W Effect (None, Yellow, Orange, Red, Green) h. Picture Tone (None, Sepia, Blue, Purple, Green) i. Shade Effect (Top & bottom, Left & Right) 18 color selectable Color pattern: 30 colors / Saturation setting -4 ~ +3 Update Interval Time - 0.5 sec - 60 sec Update Interval Time / composite method - 0.5 sec - 60 sec / Lighten Mode (Bright area prioritization) Interval Time 1 sec 24 Hours, Max 999 frames. Sutomatic creation of time-lapse movies possible 2 frames / Auto gain, exposure on recorded picture (RAW) Available (angle: 1-3)
Art Effect Color Ring (for partial color) Color Creator Live Bulb / Live Time Live Composite Interval Shooting Multiple Exposure (number of pictures / function)	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I, II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Gentle Sepia (- / a.b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.f) Watercolor (I, II / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.) Partial Color (I, II, III / a.b.c.d.e.f.) Bleach Bypass (I, II / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect f. Blur Effect (Top & bottom, Left & Right) g. 8&W Effect (None, Yellow, Orange, Red, Green) h. Picture Tone (None, Sepia, Blue, Purple, Green) i. Shade Effect (Top & bottom, Left & Right) 18 color selectable Color pattern: 30 colors / Saturation setting -4 ~ +3 Update Interval Time - 0.5 sec - 60 sec Update Interval Time / composite method - 0.5 sec - 60 sec / Lighten Mode (Bright area prioritization) Interval Time 1 sec 24 Hours, Max 999 frames. Sutomatic creation of time-lapse movies possible 2 frames / Auto gain, exposure on recorded picture (RAW) Available (angle: 1-3) Equivalent to 50 megapixels / 25 megapixels (8 shots combined into a single JPEG using sensor shift)
Art Effect Color Ring (for partial color) Color Creator Live Bulb / Live Time Live Composite Interval Shooting Multiple Exposure (number of pictures / function)	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, III, III / d) Diorama (I,III / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Gentle Sepia (- / a.b.c.d.f.) Inamatic Tone (I / b.c.d.e.f) (III / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.f.) Vintage (I, II, III / a.b.c.d.e.f.) Partial Color (I, II, III / a.b.c.d.e.f.) Bleach Bypass (I, II / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect flop & bottom, Left & Right) g. B&W Effect (None, Yellow, Orange, Red, Green) h. Picture Tone (None, Sepia, Blue, Purple, Green) i. Shade Effect (Top & bottom, Left & Right) 18 color selectable Color pattern: 30 colors / Saturation setting -4 ~ +3 Update Interval Time - 0.5 sec -60 sec Update Interval Time 1 sec 24 Hours, Max 999 frames. Sutomatic creation of time-lapse movies possible 2 frames / Auto gain, exposure on recorded picture (RAW) Available (angle: 1-3) Equivalent to 50 megapixels / 25 megapixels (8 shots combined into a single JPEG using sensor shift) Available in P/A/S/M mode, RAW+JPEG or JPEG.
Art Effect Color Ring (for partial color) Color Creator Live Bulb / Live Time Live Composite Interval Shooting Multiple Exposure (number of pictures / function) Fisheye Compensation	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.) Watercolor (I, III / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.i) Bleach Bypass (I, II / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect f. Blur Effect (Top & bottom, Left & Right) g. B&W Effect (None, Yellow, Orange, Red, Green) h. Picture Tone (None, Sepia, Blue, Purple, Green) i. Shade Effect (Top & bottom, Left & Right) 18 color selectable Color pattern: 30 colors / Saturation setting -4 ~ + 3 Update Interval Time - 0.5 sec - 60 sec Update Interval Time - 0.omposite method - 0.5 sec - 60 sec / Lighten Mode (Bright area prioritization) Interval Time 1 sec 24 Hours, Max 999 frames. Sutomatic creation of time-lapse movies possible 2 frames / Auto gain, exposure on recorded picture (RAW) Available (angle : 1-3) Equivalent to 50 megapixels / 25 megapixels (8 shots combined into a single JPEG using sensor shift) Available in P/A/S/M mode, RAW+JPEG or JPEG. JPEG: 8160 x 6120(50M) 5760 x 4320(25M) / RAW: 10368 x 7776
(Variation / Art Effect) Art Effect Color Ring (for partial color) Color Creator Live Bulb / Live Time Live Composite Interval Shooting Multiple Exposure (number of pictures / function) Fisheye Compensation	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, III, III / d) Diorama (I,III / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Gentle Sepia (- / a.b.c.d.f.) Inamatic Tone (I / b.c.d.e.f) (III / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.f.) Vintage (I, II, III / a.b.c.d.e.f.) Partial Color (I, II, III / a.b.c.d.e.f.) Bleach Bypass (I, II / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect flop & bottom, Left & Right) g. B&W Effect (None, Yellow, Orange, Red, Green) h. Picture Tone (None, Sepia, Blue, Purple, Green) i. Shade Effect (Top & bottom, Left & Right) 18 color selectable Color pattern: 30 colors / Saturation setting -4 ~ +3 Update Interval Time - 0.5 sec -60 sec Update Interval Time 1 sec 24 Hours, Max 999 frames. Sutomatic creation of time-lapse movies possible 2 frames / Auto gain, exposure on recorded picture (RAW) Available (angle: 1-3) Equivalent to 50 megapixels / 25 megapixels (8 shots combined into a single JPEG using sensor shift) Available in P/A/S/M mode, RAW+JPEG or JPEG.
(Variation / Art Effect) Art Effect Color Ring (for partial color) Color Creator Live Bulb / Live Time Live Composite Interval Shooting Multiple Exposure (number of pictures / function) Fisheye Compensation High Res Shot	Light Tone (- / d.f) Grainy Film (I, II / b.c.d.g.h) Pin Hole (I, II, III / d) Diorama (I,II / d) Diorama (I,II / d) Cross Process (I, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (I, II / a.b.c.d.e.) Watercolor (I, II / a.b.c.d.e.) Watercolor (I, III / a.b.c.d.e.f.i) Partial Color (I, II, III / a.b.c.d.e.f.i) Bleach Bypass (I, II / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) Instant Film (- / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect f. Blur Effect (Top & bottom, Left & Right) g. B&W Effect (None, Yellow, Orange, Red, Green) h. Picture Tone (None, Sepia, Blue, Purple, Green) i. Shade Effect (Top & bottom, Left & Right) 18 color selectable Color pattern: 30 colors / Saturation setting -4 ~ + 3 Update Interval Time - 0.5 sec - 60 sec Update Interval Time - 0.omposite method - 0.5 sec - 60 sec / Lighten Mode (Bright area prioritization) Interval Time 1 sec 24 Hours, Max 999 frames. Sutomatic creation of time-lapse movies possible 2 frames / Auto gain, exposure on recorded picture (RAW) Available (angle : 1-3) Equivalent to 50 megapixels / 25 megapixels (8 shots combined into a single JPEG using sensor shift) Available in P/A/S/M mode, RAW+JPEG or JPEG. JPEG: 8160 x 6120(50M) 5760 x 4320(25M) / RAW: 10368 x 7776
(Variation / Art Effect) Art Effect Color Ring (for partial color) Color Creator Live Bulb / Live Time Live Composite Interval Shooting Multiple Exposure (number of pictures / function) Fisheye Compensation	Light Tone (- / d.f) Grainy Film (J, II / b.c.d.g.h) Pin Hole (J, II, III / d) Diorama (J, II / d) Diorama (J, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (J, II / a.b.c.d.e.) Watercolor (J, II / a.b.c.d.e.) Watercolor (J, II / a.b.c.d.e.f.) Partial Color (J, II, III / a.b.c.d.e.f.i) Partial Color (J, II, III / a.b.c.d.e.f.i) Partial Color (J, II, III / a.b.c.d.e.f.i) Bleach Bypass (J, II / a.b.c.d.e.f.i) Bleach Bypass (J, II / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect f. Blur Effect (Top & bottom, Left & Right) g. B&W Effect (None, Yellow, Orange, Red, Green) h. Picture Tone (None, Sepia, Blue, Purple, Green) i. Shade Effect (Top & bottom, Left & Right) 18 color selectable Color pattern: 30 colors / Saturation setting -4 ~ +3 Update Interval Time - 0.5 sec - 60 sec Update Interval Time - 0.5 sec - 60 sec Update Interval Time / composite method -0.5 sec - 60 sec / Lighten Mode (Bright area prioritization) Interval Time 1 sec 24 Hours, Max 999 frames. Sutomatic creation of time-lapse movies possible 2 frames / Auto gain, exposure on recorded picture (RAW) Available (angle: 1-3) Equivalent to 50 megapixels / 25 megapixels (8 shots combined into a single JPEG using sensor shift) Available in P/A/S/M mode, RAW+JPEG or JPEG. JPEG: 8160 x 6120(50M) 5760 x 4320(25M) / RAW: 10368 x 7776 RAW data can be developed in-camera. Olympus Workspace required to develop on a PC. Available (can be confirmed in Live View) *Horizontal and vertical compensation can be performed simultaneously.
Art Effect Color Ring (for partial color) Color Creator Live Bulb / Live Time Live Composite Interval Shooting Multiple Exposure (number of pictures / function) Fisheye Compensation High Res Shot Keystone Compensation	Light Tone (- / d.f) Grainy Film (J, II / b.c.d.g.h) Fin Hole (J, II, III / d) Diorama (I,II / d) Cross Process (J, II / b.c.d.f.) Dramatic Tone (I / b.c.d.e.f.) Dramatic Tone (I / b.c.d.e.f.) Urinage (I, II / a.b.c.d.e.f.) Watercolor (J, II / a.b.c.d.e.f.) Watercolor (J, II / a.b.c.d.e.f.) Watercolor (J, II / a.b.c.d.e.f.) Partial Color (J, II I, III / a.b.c.d.e.f.) Bleach Bypass (J, II / a.b.c.d.e.f.) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect for Bur Effect (Top & bottom, Left & Right) g. 8&W Effect (None, Yellow, Orange, Red, Green) h. Picture Tone (None, Sepia, Blue, Purple, Green) i. Shade Effect (Top & bottom, Left & Right) Roolor selectable Color pattern: 30 colors / Saturation setting -4 ~ + 3 Update Interval Time - 0.5 sec - 60 sec Update Interval Time - 0.5 sec - 60 sec Update Interval Time - 0.5 sec - 60 sec Update Interval Time - Composite method - 0.5 sec - 60 sec / Lighten Mode (Bright area prioritization) Interval Time 1 sec 24 Hours, Max 999 frames. Sutomatic creation of time-lapse movies possible 2 frames / Auto gain, exposure on recorded picture (RAW) Available (angle : 1-3) Equivalent to 50 megapixels / 25 megapixels (8 shots combined into a single JPEG using sensor shift) Available in P/A/S/M mode, RAW+JPEG or JPEG. JPEG: 8160 x 6120(50M) 5760 x 4320(25M) / RAW: 10368 x 7776 RAW data can be developed in-camera. Olympus Workspace required to develop on a PC. Available (can be confirmed in Live View) *Horizontal and vertical compensation can be performed simultaneously. Video / Audio Recording
Art Effect Color Ring (for partial color) Color Creator Live Bulb / Live Time Live Composite Interval Shooting Multiple Exposure (number of pictures / function) Fisheye Compensation High Res Shot	Light Tone (- / d.f) Grainy Film (J, II / b.c.d.g.h) Pin Hole (J, II, III / d) Diorama (J, II / d) Diorama (J, II / b.c.d.f) Gentle Sepia (- / a.b.c.d.f.) Gentle Sepia (- / a.b.c.d.f.) Dramatic Tone (I / b.c.d.e.f) (II / b.c.d.e.f.g.h) Key Line (J, II / a.b.c.d.e.) Watercolor (J, II / a.b.c.d.e.) Watercolor (J, II / a.b.c.d.e.f.) Partial Color (J, II, III / a.b.c.d.e.f.i) Partial Color (J, II, III / a.b.c.d.e.f.i) Partial Color (J, II, III / a.b.c.d.e.f.i) Bleach Bypass (J, II / a.b.c.d.e.f.i) Bleach Bypass (J, II / a.b.c.d.e.f.i) a. Soft Focus Effect b. Pin-Hole Effect c. White Edge Effect d. Frame Effect e. Star Light Effect f. Blur Effect (Top & bottom, Left & Right) g. B&W Effect (None, Yellow, Orange, Red, Green) h. Picture Tone (None, Sepia, Blue, Purple, Green) i. Shade Effect (Top & bottom, Left & Right) 18 color selectable Color pattern: 30 colors / Saturation setting -4 ~ +3 Update Interval Time - 0.5 sec - 60 sec Update Interval Time - 0.5 sec - 60 sec Update Interval Time / composite method -0.5 sec - 60 sec / Lighten Mode (Bright area prioritization) Interval Time 1 sec 24 Hours, Max 999 frames. Sutomatic creation of time-lapse movies possible 2 frames / Auto gain, exposure on recorded picture (RAW) Available (angle: 1-3) Equivalent to 50 megapixels / 25 megapixels (8 shots combined into a single JPEG using sensor shift) Available in P/A/S/M mode, RAW+JPEG or JPEG. JPEG: 8160 x 6120(50M) 5760 x 4320(25M) / RAW: 10368 x 7776 RAW data can be developed in-camera. Olympus Workspace required to develop on a PC. Available (can be confirmed in Live View) *Horizontal and vertical compensation can be performed simultaneously.

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	4096×2160(C4K) / 24p / IPB(approx.237Mbps) 3840×2160(4K) / 30p, 25p, 24p / IPB(approx.102Mbps)
	1920x1080(FHD) / 30p, 25p, 24p / ALL-I (A-I), IPB(SF, F, N)
	1920x1080(FHD) / 60p, 50p / IPB(SF, F, N)
	1280x720(HD) / 60p, 50p, 30p, 25p, 24p / ALL-I (A-I) , IPB(SF ,F ,N)
	60p : 59.94 fps 50p : 50.00 fps
	30p : 29.97 fps
	25p : 25.00 fps
Movie Mode / Frame Rate / Compression Method	24p : 23.98 fps
	C4K 24.00 fps
	 FHD ALL-I(A-I: ALL-Intra/approx.202Mbps) FHD IPB(SF: SuperFine / approx.52Mbps, F: Fine / approx.30Mbps, N:
	Normal / approx.18Mbps)
	HD ALL-I(A-I: ALL-Intra / approx.102Mbps) HD IPB(SF: SuperFine /approx.26Mbps, F: Fine / approx.14Mbps, N:
	Normal / approx.10Mbps)
	*Frame rates may drop when particular Art Filters and Movie Effects are used.
	*Class 10 or higher SD card is recommended for shooting movies.
	*UHS-II or UHS-I U3 card is recommended for 4K,C4K,ALL-I shooting.
Maximum Video Recording Time	Approx. 29min
Movie Tele-converter	Approx. 3x (enlarges view of selected area) Available
Art Filter Movie	(Frame rates may drop when certain Art Filters are used)
Movie Effect	One-shot Echo / Multi-echo / Art Fade / Old Film
	[AVI]
Time-lapse Movie	3840×2160 (4K) / 5fps 1920×1080 (FHD)/ 5fps, 10fps, 15fps
	1280×720 (HD)/ 5fps、10fps、15fps、30fps
Quick Movie / Slow Movie	With (Both or either of the two may not be available depending on the frame rates.
High speed movie	120fps (1920×1080/MOV)
Image Stabilization for Movie	M-IS1*(Image sensor shift and electronic image stabilizer with multi motion IS), M-IS2(Image sensor shift with multi motion IS), Off
	*While using M-IS1, field of view may be affected.
AE Lock	Available
Video Exposure Control	Program AE, aperture priority AE, shutter priority AE, manual
Grid Lines / Focus Peaking Time Code	4 types of grid lines / 4 colors for focus peaking Rec run/free run, drop frame/non-drop frame
	Monitor Mode (outputs video and info display to a connected monitor) *1
	Record Mode (outputs video only, with no info display) *2
	*1 While recording, footage is simultaneously displayed on the HDMI monitor and on the camera, but the info display is shown only on either one of the two.
Live View Output via HDMI	While playing movies, footage is simultaneously displayed on the HDMI monitor (normal size) and on the camera
	(normal size or enlarged).
	However, the image can not be enlarged on the camera when a movie is being recorded.
	*2 Movie quality is set to YCbCr 4:2:2 (8 bit), frame rate follows movie setting (24p, 30p and 60p settings are not recommended.), and sound will be recorded.
Movie Picture Mode	Flat (LUT file available for download from website)
Audio Recording Format	Wave Format (Stereo linear PCM/16-bit, Sampling frequency 48kHz)
radio neconang romat	High quality sound recording (Stereo linear PCM/24-bit, Sampling frequency 96kHz)
Microphone / Speaker	Built-in stereo microphone / built-in mono speaker *External stereo microphone can be attached
	Wind noise reduction, recording volume, microphone volume limiter
Microphone Function	Audio dubbing possible for still pictures (up to 30 sec.)
	*May affect audio quality. Slate Tone / Synchronized Audio Rec-Movie Rec
IC Recorder Linkage	*LS-100 compatible
	Operability
	Live View, Rec View, Wireless Touch AF shutter, Self Timer (w/Countdown guidance, Sequential shooting, movie
Wireless Shooting	recording capability), Wireless Release, Movie Recording, Power Off *P / A / S / M / B and drive mode can be selected.
	Aperture, shutter speed, exposure, ISO sensitivity, white balance and sequential shooting can be adjusted.
Image Share	File Type: JPEG*, MOV
	Marking function for image share. Connect using a QR code
Easy Connection	Connect using a QK code Connect using Bluetooth (View, Transfer only. Enabled from the second time)
	Single-frame
	Information display
	Index display (4/9/25/100 frames), Calendar
Playback Mode	Enlargement (1:1, 2x - 14x)
	Movie (with sound, FF/REW/Pause)
	Picture rotation (auto)
	Light box display Histogram (independent luminance / RGB available), Highlight/Shadow point warning, AF frame, Photographic
Information Display	information, OFF
	Custom
Mode dial my set	1 type (Modes C can be accessed by mode dial) Modes C2, and C3 can be accessed via the menu
Menu custom set	* Some items including shooting mode may not be called up
Dial customization	Dial function and dial direction are customizable for both dials
Lever customization	Select assignment from 3 different modes, power switch, or off (no function assignment)
Rutton Customization	Buttons can be customized (select from 35 functions) Buttons on lenses can also be customized from the camera
Button Customization	Some buttons may have restrictions to what functions can be assigned
Copyright Settings/Lens info Settings	Available (save up to 10 lenses)
	English, French, German, Spanish, Italian, Japanese, Korean, Traditional Chinese, Simplified Chinese, Russian, Czech,
Menu Languages (34 selectable)	Dutch, Danish, Polish, Portuguese, Swedish, Norwegian, Finnish, Croatian, Slovenian, Hungarian, Greek, Slovakian,
	Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Bulgarian, Rumanian, Indonesian, Malay, Thai
	Connectivity / Power Requirements

	Luca et la	
USB Connector	USB Micro-B	
Remote Connector	φ2.5Pin Jack (when using separately available RM-CB2).	
HDMI Connector	Micro HDMI (type D)	
Flash Attachment	Hot shoe	
Wireless LAN	Built-in (IEEE 802.11a/b/g/n)	
Bluetooth	Built-in (Bluetooth® Ver.4.2 BLE)	
MIC Input Jack	φ3.5 stereo mini jack (plug-in power on/off)	
PC Interface	USB 2.0 Hi-Speed	
Battery	BLS-50 Li-ion battery (included)	
Battery Status Display	Remaining power (4 steps, %, or by-minute display), shot count, degradation	
	Built-in battery is charged with USB	
USB Charging	* When the camera power is off	
	* Performance varies depending on different USB devices	
Sleep Mode	Available (1/3/5 min. off)	
Number of Recordable Pictures	Approx. 310 shots (using Toshiba SDHC UHS-I Card Exceria with IS ON, with no flashes attached, based on CIPA test	
Number of Recordable Pictures	standards)	
	Approx. 60 minutes (under standard JEITA testing)	
Battery Life for Movie Recording	Approx. 110 minutes (when zoom and other operational functions are not used)	
	*When repeatedly recording at the maximum time of 29 minutes	
Weights & Dimensions / Operating Environment / Box Contents		
Weight	Approx. 414g (with battery and memory card, based on CIPA standards)	
Weight	Approx. 366g (body only)	
Dimensions	W:125.3mm H:85.2mm D:49.7mm	
	(based on CIPA standards: excludes protrusions)	
Environmentally Sealed	Dust, Splash, Freezeproof	
Operating Temperature Range	-10°C ~ +40°C (when in operation) / -20°C ~ +60°C (when stored)	
Operating Humidity Range	30 - 90% (when in operation) / 10 - 90% (when stored)	
Box Contents	Body, USB cable, shoulder strap, instruction manual, warranty card, FL-LM3 flash, BLS-50 Li-ion battery, BLS-5 rapid	
	Li-ion battery charger	