fp

Format	
Type	Interchangeable-lens Mirrorless Type Digital Camera
Storage Media	SD / SDHC / SDXC memory card(UHS-Ⅱ supported) / Portable SSD (USB 3.0 connection, USB bus power supported)
Lens Mount	L-Mount
Image Sensor	
Type	35mm full-frame (35.9mm x 23.10mm) Back-illuminated Bayer CMOS sensor
Camera effective pixels / Total pixels	Approx. 24. 6MP / Approx. 25.3MP
Aspect Ratio	3:2
Color, filter System	RGB Primary color filter
Still Image File Format	Lossless compression RAW(DNG) data12/14 bit, JPEG(Exif2.3), RAW(DNG)+JPEG:recording is possible
Image aspect ratio	[21:9] / [16:9] / [3:2] / [A Size (√2:1)] / [4:3] / [7:6] / [1:1]
File Size	
RAW	HIGH：6000×4000 (3840x2560)　LOW：3008x2000 (1920x1280) *() In DC Clop Mode
JPEG	

[21:9]	HIGH : 6,000×2,576 (3,840×1,648) MED : 4,240×1,824 (2,736×1,168) LOW : 3,008×1,288 (1,920×824)	[16:9]	HIGH : 6,000×3,376 (3,840×2, MED : 4,240×2,392 (2,736×1,5 LOW : 3,008×1,688 (1,920×1,0	
[3:2]	HIGH : 6,000×4,000 (3,840×2,560) MED : 4,240×2,832 (2,736×1,824) LOW : 3,008×2,000 (1,920×1,280)	[A Size (√2:1)]	HIGH : 5,664×4,000 (3,616×2, MED : 4,000×2,832 (2,560×1,8 LOW : 2,832×2,000 (1,808×1,2	
[4:3]	HIGH : 5,344×4,000 (3,408×2,560) MED : 3,776×2,832 (2,416×1,824) LOW : 2,672×2,000 (1,712×1,280)	[7:6]	HIGH : 4,672×4,000 (2,992×2, MED : 3,312×2,832 (2,112×1,8 LOW : 2,336×2,000 (1,488×1,2	
[1:1]	HIGH : 4,000×4,000 (2,560×2,560) MED : 2,832×2,832 (1,824×1,824) LOW : 2,000×2,000 (1,280×1,280)			

Crop	Equivalent to approx.1.5times the focal length of the lens (on 35mm cameras)
Color Space	sRGB / Adobe RGB

Movie Recording Format [Camera Internal Record]	
Movie Format	CinemaDNG（8bit / 10bit/ 12bit） / MOV：H.264 (ALL-I/ GOP) ❶ Bit rate and Supported media
Audio Format	Linear PCM (2ch 48kHz/16bit)
Recording Pixels / Frame Rate	3,840×2,160 (UHD 4K) / 23.98p, 25p, 29.97p, FHD(1,920x1,080) / 23.98p, 25p, 29.97p, 59.94p, 100p, 119.88p
Continuous recording time	Up to 2h
Cinema DNG recording media limits	SD card ：UHS-II UHD 8bit under 25fps, FHD 12bit under 60fps Portable SSD ： UHD 12bit 24fps, FHD 12bit under 60fps, FHD 8bit under 120fps

Movie Recording Format [HDMI External Output]	
Movie Format	HDMI Loop out "External recorder record: ATOMOS Ninja Inferno, Blackmagic Video Assist 4K supported
Audio Format	Linear PCM (2ch 48kHz/16bit)
File Size / Frame Rate	3,840×2,160 (UHD 4K) / 4:2:2 8bit 29.97p / 25p / 23.98p 1,920x1,080 (FHD) / 4:2:2 8bit 119.88p / 100p / 59.94p / 50p / 29.97p / 25p / 23.98p

Focus	
Auto Format / Focus Mode	Contrast detection system, Single AF, Continuous AF (with moving object prediction function), Manual Foc
AF Measurement DistanceDetecton Range / AF mode	-5EV～18EV(F1.4：ISO100) / Auto, 49-points selection mode, Free Movement mode, Face/Eye Detection AF mode, Tracking AF mode
AF Lock	Half-press the shutter button, or press the AEL button (setting change required)
Other Focus Functions	AF+MF, MF Assist, MF Guide, Focus Peaking, Release Focus Function, AF-ON, Quick AF, Pre-AF,

	AF during Image Magnification
Exposure Control	
Metering System	Evaluative, Spot, Center Weighted Average
Metering Range	-5〜18EV (50mm F1.4: ISO100)
Still Image Shooting Mode	(P) Program AE (Program Shift is possible), (S) Shutter Speed Priority AE, (A) Aperture Priority AE, (M) Manual
Movie Shooting Mode	(P) Program AE, (S) Shutter Speed Priority AE, (A) Aperture Priority AE, (M) Manual
ISO Sensitivity	ISO 100-25600, Expanded sensitivity ISO 6, 12, 25, 50, 51200, 102400
Exposure Compensation	±5EV (in 1/3-stop increments) : ±3EV at movie recording
AE Lock	Half-press the shutter button, or press the AEL button (setting change required).
Exposure Bracket	3-frame/5-frame stage exposure 3EV (1/3 Step, Standard→Underexposure→Overexposure) (Sequence changeable)
Image Stabilization System	
Image Stabilization System	Electronic system
White balance	
Settings	12types (Auto, Auto[Lighting Source Priority], Daylight, Shade, Overcast, Incandescent, Fluorescent, Flash, Color Temperature, Custom 1, Custom 2, Custom 3)
Shutter	
Shutter Type	Electronic shutter
Shutter Speed	30 - 1/8,000sec., Bulb (5 minutes max)
Drive	
Drive Modes	Single shooting, Continuous shooting（H：approx. 18shots/sec、M：approx. 5shots/sec、L：approx. 3shots/sec）, Self-timer (2sec. / 10sec.), Interval-timer
Maximum number of shots	HIGH: 12frame, MED: 12frame, LOW: 24frame
Monitor	
Type / Coverage	TFT color LCD monitor Aspect Ratio 3:2, 3.15, Approx. 2,100,000 dots / Electrostatic capacitance system touch panel / Approx. 100%
Flash (when to use external flash)	
Light Emission Mode	S-TTL automatic light control, Manual, Wireless flash, Multi-emission Flash (when to use external flash)

Flash Mode	Red-eye effect reduction / Slow synchronization, 2nd Curtain synchronization
Exposure control	Max. ±3EV in 1/3EV-step increments
Flash Tuning Speed	Max. 1/30sec. * 1/15 sec. or less at 14bit
External Flash Support	Available when the Hot Shoe Unit HU-11(supplied with this product) is mounted. * S-TTL, Wireless support, Xcontact

Color Mode

Color Mode	12types (Standard, Vivid, Neutral, Portrait, Landscape, Cinema, Teal & Orange, Sunset Red, Forest Green, FOV Classic Blue, FOV Classic Yellow, Monochrome)

Other Functions

Recording Mode	STILL Mode: FillLight / HDR shooting CINE Mode: Still image shooting during movie shooting / HDR shooting / Director's view finder
Playback Mode	STILL: Mode In-camera DNG Development CINE Mode: Cinemagraph / still image cut-out

Built-in Microphone / Speaker

Type	Stereo microphone, Monaural speaker

Language

Display Language	English / Japanese / German / French / Spanish / Italian / Simplified Chinese / Traditional Chinese / Korean / Russian / Dutch / Polish / Portuguese / Danish / Swedish / Norwegian / Finnish

Interface

USB	USB3.1 GEN1 Type C
HDMI	Type D (Ver.1.4)
Release Terminal	Also used as an external microphone terminal
External Microphone	Φ3.5mm stereo mini jack (Plug-in power support)
Headphone output	Unavailable
Flash-synchro Terminal	Dedicated terminal (with hot shoe unit HU-11 (supplied with this product) mounted)

Dust- & splash-proof structure

Dust- & splash-proof structure	Provided

Power Source

Power	Li-ion Battery Pack BP-51 *USB power supply available (when the power is turned off)

Still images	Approx. 280 images (at 23℃ according to CIPA standard)
**Movie	continuous recording**	Approx. 70 min

Dimensions and Weight

Dimensions	112.6 x 69.9 x 45.3mm
Weight	422g(including battery and SDcard), 370g(Camera Body Only)

Operating Environment

Operating Temperature	0～+40℃
Operating Humidity	86%or less * no condensing

Accessories / Optional Accessories

Accessories	Li-ion Battery Pack BP-51, Strap, Strap Holder, USB AC Adapter UAC-11, USB Cable (A-C) SUC-11, HOT SHOE UNIT HU-11, Body Cap, Instruction Manual, Warranty, Warranty Sticker
Optional Accessories	HAND GRIP HG-11, LARGE HAND GRIP HG-21, LCD VIEW FINDER LVF-11, BASE PLATE BPL-11, CABLE RELEASE CR-41, BASE GRIP BG-11, DC CONNECTOR CN-21, BATTERY CHARGER BC-71, AC ADAPTER SAC-7P, ELECTRONIC FLASH EF-630, MOUNT CONVERTER MC-21

* Appearance and specifications are subject to change without notice.

Cameras	fp	Concept	**Main Features**
		Features / Function list	Smallest & Lightest full-frame
		Specifications	Electronic shutter Superior options in artistic creations
		Dedicated accessories	Advanced technologies L-Mount
		Impression	Supports full-fledged filmmaking
		Download	Still & Cine shooting modes