Clifton Cameras Product Specification

Sigma FP Full Frame Camera Full Spec

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 (3,840×2,160)

MED: 4,240×2,392 (2,736×1,536)

LOW: 3,008×1,688 (1,920×1,080)

[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 (3,616×2,560)

MED: 4,000×2,832 (2,560×1,824)

LOW: 2,832×2,000 (1,808×1,280)

[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 (2,992×2,560)

MED: 3,312×2,832 (2,112×1,824)

LOW: 2,336×2,000 (1,488×1,280)

[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)

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

Movie Recording Format [HDMI External Output]

Movie Format supported   HDMI Loop out "External recorder record: ATOMOS Ninja Inferno, Blackmagic Video Assist 4K

Audio Format   Linear PCM (2ch 48kHz/16bit)

Focus

Auto Format / Focus Mode   Contrast detection system, Single AF, Continuous AF (with moving object prediction function), Manual Focus

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

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)

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

Self-Timer / Remote control   2sec. / 10sec. (Self-Timer)

Drive

Drive Modes   Single shooting, Continuous shooting, Self-timer, Interval shooting

Continuous shooting speed   HI: 18fps, MED: 5fps, LO: 3fps

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 correction 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

Interval shooting

Interval shooting   Available

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 / Shading Correcton / 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   Available(Plug-in power support)

Headphone output   Unavailable

Flash-synchro Terminal   Dedicated terminal (with hot shoe unit HU-11 (supplied with this prodct) mounted)

Power Source

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

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°C

Operating

Humidity　86%or less

* no condensing

Accessories / Optional Accessories

Accessories　　　　LI-ION BATTERY 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