

# Clifton Cameras Product Specification

## Leica D-Lux 7 007 Edition

### Specifications

Lens:	Leica DC Vario-Summilux 10.9-34 f/1.7-2.8 ASPH., 35mm camera equivalent: 24 - 75mm, aperture range: 1.7 – 16 / 2.8 - 16 (at 10.9 / 34mm)
Optical Image stabilization:	Optical compensation system
Digital zoom:	Max. 4x
<b>Focusing range</b>	
AF:	0.5m / 1'6" to ∞
AF Macro / MF / Snapshot Modes / Motion Pictures:	Maximum wideangle setting: 3cm / 1 3/16" to ∞  Maximum telephoto setting: 30cm / 1 17/8" to ∞
Image sensor:	4/3" MOS sensor, total pixel number: 21,770,000,  effective pixels: 17,000,000, primary color filter
Minimum Illuminance:	approx. 5lx (when i-Low light is used, the shutter speed is 1/30 s)
Shutter system:	Electronically and mechanically controlled
<b>Shutter speeds</b>	
Still pictures:	T (max. approx. 30min),  60 - 1/4000 s (with the mechanical shutter)  1 - 1/16000 s (with the electronic shutter function)
Motion pictures:	1/25 - 1/16000 s (When [4K/100M/24p] is set in [Rec Quality])  1/2 - 1/16000 s (When Manual Exposure Mode is set and [MF] is selected)  1/30 - 1/16000 s (Other than the above)  Continuous recordable time:  – When the resolution for [Rec Quality] is set to [FHD]: 29 minutes  – When the resolution for [Rec Quality] is set to [4K]: 15 minutes



### Series exposure

Continuous series exposure frequency: 11fps (H)      Electronic/mechanical shutter: 2fps (L) / 7fps (M) /

Number of serially recordable pictures:      With RAW files: 32 or more\*  
Without RAW files: 100 or more. \* Based on CIPA standards and a card with a fast read/write speed

### Exposure

Exposure control modes:      Program (P), Aperture-priority (A), Shutter-priority (S), Manual setting (M)

Exposure compensation:       $\pm 5$ EV in 1/3 EV steps ( $\pm 3$ EV dial setting range)

Exposure metering modes:      Multi-zone, center-weighted, spot

### Recording file formats

Still pictures:      RAW/JPEG (based on "Design rule for Camera File system" and on the "Exif 2.31" standard)

Motion pictures (with audio):      [MP4] 3840a2160/30p (100 Mbit/s), 3840a2160/24p (100 Mbit/s), 1920a1080/60p (28 Mbit/s), 1920a1080/30p (20 Mbit/s), 1280a720/30p (10 Mbit/s)

Audio recording format:      AAC (stereo)

Monitor:      3.0" TFT LCD, resolution: approx. 1,240,000 dots, field of view: approx. 100%, aspect ratio: 3:2, touch screen functionality

Viewfinder:      0.38" LCD viewfinder, resolution: approx. 2,760,000 dots, field of view: approx. 100%, aspect ratio: 16:9, with diopter adjustment -4 to +3 diopters,  
Magnification: approx. 0.7x (35mm camera equivalent), eye sensor

### Wi-Fi

Compliance standard:      IEEE 802.11b/g/n (standard wireless LAN protocol)

Frequency range used (central frequency):      2412- 2462MHz (1 to 11ch), maximum output power: 13dBm (EIRP)

Encryption method:      Wi-Fi compliant WPA™ / WPA2™

Access method:      Infrastructure mode

### Bluetooth function

Compliance standard:      Bluetooth Ver. 4.2 (Bluetooth low energy (BLE))

Frequency range used (central frequency):      2402 to 2480MHz, maximum output power: 10dBm (EIRP)

Operating temperature/ humidity:      0 - 40°C (32 - 104°F) / 10 - 80% RH



Power Consumption:	2.1W/2.8W (When recording with monitor/viewfinder)
	1.7W/1.9W (When playing back with monitor/viewfinder)
Terminals/ Interfaces:	[HDMI]: Micro HDMI Type D
	[USB/CHARGE]: USB 2.0 (High Speed) Micro-B
Dimensions (W x H x D):	approx. 118 x 66 x 64mm / 4 21/32 x 2 41/64 x 2 9/16"
Weight:	approx. 403g/14,2 oz / 361g/12,7 oz