

# Clifton Cameras Product Specification

## Moza Moin Pocket Camera Gimbal

### Specifications

#### Camera

Camera Dimensions	129×37.8×32mm
Camera Weight	176g
Structure Rotation Range	Pan: -250°~+70° Tilt: -120°~98° Roll: ±90°
Controllable Rotation Range	Pan: -230° to +50° Tilt: -95° to 50° Roll: ±45°
Max Controllable Speed	120°/S
Angular Vibration Range	±0.005°
Lens	FOV:120° F2.2 Equivalent Focal Length : 14mm
ISO Range	Photo: 100~3200 Video: 100~3200
Shutter Speed	60S~1/8000S
Maximum Image Resolution	4000X3000, 12MP
Video Resolution	4K: 3840X2160 @ 60/50/48/30/25/24P 4K(4:3): 3840X2880 @ /48/30/25/24 3.2K: 3200x2400 @ 30/25/24P FHD: 1920X1080 @ 200/120/100/60/50/48/30/24P HD: 1280X720 240/200/120/100P 2.7K: 2704X1520 60/50/48/30/25/24P 2.7K(4:3): 2704X1520 60/50/48/30/25/24P
Timelapse	Timelapse/Motionlapse Resolution : 4K(4:3)/4K/3.2K/2.7K/2.7K (4:3)/1080P Duration: 1min/2min/3min/4min/5min
Slow Motion	720: 4X (120fps);8X(240fps)



	1080P: 4X(120fps); 6X(200fps)
Photograph Mode	Single Shot, Panorama, Staticlapse, Motionlapse, Hyperlapse
Record Mode	Record ; Slow Motion ; MOZA-color
Max Video Bitrate	100Mbps
Supported File Formats	FAT32 (≤32 GB) /exFAT (≥64 GB)
Photo Format	JPG/JPG+DNG
Video Format	mp4 (MPEG-4AVC/H.264)
Supported SD Card	MicroSD Max 256GB
Storage	Max 256GB
Audio Output	48KHZ, AAC

## Display Screen

2.45 Inches, Reversible Screen	480 x 272 IPS LCD
Reversible Angle	First Joint 0~90° Second Joint 0~120°

## Communication Interface

Wi-Fi Operating Frequency	FCC/CE/SRRC: 2.400-2.4835 GHz, MIC:2.400-2.4835 GHz
Wi-Fi Protocol	802.11 a/b/g/n/ac
Bluetooth Operating Frequency	2.400-2.4835 GHz
Bluetooth Protocol	BLE 4.2

## Battery

Type	Lithium battery
Capacity	950mAh
Energy	7.14Wh
Voltage	7.68V
Operating Temperature	0°C to 40°C
Operating Time	145mins (Tested by Single Shot with 1080/30fps)
Charging Time	90mins (Tested by 10W Charging power)