



Camera specification

Sensor	CMOS	Sensor Size	1/2.8"
Preview Resolution	2MP, 1920x1080	Capture Resolution	6MP, 3264x1836
Frame Rate	30fps @USB2.0 30fps @HDMI	Capture	SD card(16G)
Video Recording	30fps @PC 30fps @SD Card	Exposure Mode	Auto/Manual
Exposure Time	2ms~10s	White Balance	Auto/Manual
Setting	White Balance, Exposure Time, Noise, Reduction, Gain, Gamma, WDR		
Built-in Software	Cloud 1.0 Ver	PC Software	Mosaic V2
Data Interface	USB2.0, SD, HDMI	Optical Port	Standard C-Mount
Optical Interface	Windows 7 / 8 / 10(32 / 64bit), Mac		
Camera Size	90.7x78x70.8(mm)	Camera Weight	448g

Retina Screen Features

Resolution	1080P(1920x1080)	Display Type	IPS-Pro
Screen Size	11.6"	Aspect Ratio	16:09
Brightness	320cd/m2	Static Contrast Ratio	1000:01:00
HDMI Port	1	Power Supply Type	12V, 2A
Size	282.0x180.5x15.3(mm)	Weight	600(g)

PC software features

- Modular function configuration
- Intelligent 12-bit ISP color reproduction
- Real-time depth of field fusion (Option)
- Real-time image stitching (Option)
- Real-time fluorescence image synthesis and editing
- HDR image synthesis
- Micro-imaging-based intelligent automatic exposure
- Intelligent flat field correction based on dynamic calculation
- Smart measurement workflow
- Implements multiple iterations of workflow execution
- Supports single shot, delayed camera
- Automatic video and delay video generation
- Output format selection
- User parameter group save and load
- Dynamic \ static measurement
- Layered measurement
- Customize measuring gauges, layers, precision
- Customize image naming, style, save location
- Implements drawing: points, lines, rectangles, polygons, circles, arcs, angles
- Data export as TXT or Excel
- Report generation and printing