



WiFi camera, 5MP CMOS, rechargeable battery, multi-plug

Camera General specifications	Battery operated	Yes
	WiFi output	Yes
	C-Mount	Yes
	Dimensions (mm)	67 x 67 x 115
	Weight (kg)	0.70

Sensor	Camera resolution (n° of pixels: W x H)	2592x1944
	Color / Monochrome	Color
	Sensor Size	1/2.5"
	Sensor Technology	CMOS
	Sensor Type	SONY EXMOR
	Image Format	16/9
	Pixel Size (mm)	2.2x2.2
	Acquisition technology	Rolling shutter
	Sensitivity	1V/lux-sec
	Signal/Noise Ratio (DB)	43
	Dynamic range (DB)	61
	ADC conversion	8 Bit - 12Bit
	Color Depth	8 Bit
	Exposure time	Auto
	Binning	2x2
IR filter	Yes	
IR filter range (nm)**	380-650 (IR CUT)	

** If used for red emission fluorescence wavelengths above 650nm please order it by specifying with "AR GLASS"

WiFi	WiFi resolution (MP)	1
	WiFi Frame rate full resolution (fps)	10@1280x720
	WiFi Speed	802.11n 150Mbps
	WiFi Signal	From the camera
	WiFi Signal ready	About 10 seconds after turning on
	Max Users	3

Camera Power Supply	Type	External
	Connector	USB
	Power plug type	Multiplug (EU, UK, US)
	Input voltage	100/240 Vac, 50/60Hz
	Output voltage	6 Vdc 2500mA
	LED indicator	Yes
	Use with batteries	Yes, not supplied
	Battery type	Ni-MH (4x, AA size), 1.2V, 2000mAh
	Working time with batteries (hours)	6
	Charging time of batteries (hours)	4

Camera accessories	Optical adapter (for 23mm eyepiece tube)	0.5x
	Diameter of adapter ring (mm)	30
	Diameter of adapter ring (mm)	30.5
	Calibration slide	Yes
Environment	Working Temperature	-10°C up to +50°C
	Storage Temperature	-20°C up to +60°C
	Relative Humidity	30% to 80%
	Storage Humidity	10% to 60%
Operating System	OS	Windows 7
	OS	Windows 8
	OS	Windows 10 (32Bit)
	OS	Windows 10 (64Bit)
	OS	Windows 11
	OS	Osx (MAC Osx) starting from 10.7.5 (only LITEVIEW)
	OS	Linux (only LITEVIEW)
	OS	Android
Available Software	PC SW	PROVIEW
	PC SW	LITEVIEW
	App	Optika Mobile View
PC requirements	PC	CPU: Intel Core2 - 2.8GHz or higher
	PC	RAM: 2GB or more