



USB-WiFi-LAN camera, 4 MP CMOS

Camera General specifications	WiFi output	Yes
	C-Mount	Yes
	Dimensions (mm)	50 x 50 x 112
	Weight (kg)	0.19
Sensor	Camera resolution (n° of pixels: W x H)	2688x1512
	Color / Monochrome	Color
	Sensor Size	1/1.8"
	Sensor Technology	CMOS
	Sensor Type	SONY EXMOR
	Image Format	16/9
	Pixel Size (µm)	2.9x2.9
	Acquisition technology	Rolling shutter
	Signal/Noise Ratio (DB)	43
	Dynamic range (DB)	61
	G sensitivity	921mV at 1/30s
	Dark Signal	0.15mV at 1/30s
	ADC conversion	8 Bit - 12Bit
	Color Depth	8 Bit
	Exposure time	Auto
	Binning	1x1
IR filter	Yes	
IR filter range (nm)**	380-650 (IR CUT)	
USB	PC Camera resolution (MP)	4
	USB standard	Mini USB
	Frame rate full resolution (fps)	30@2688*1512
	Frame rate other resolution (fps)	No
WiFi	WiFi resolution (MP)	4
	WiFi Frame rate full resolution (fps)	30@2688*1512
	WiFi Speed	802.11ac 150Mbps (WiFi 5)
	WiFi Signal	From the camera
	WiFi Antenna	Yes
	WiFi Signal ready	About 10 seconds after turning on
	WiFi mode	AP / STA
	Max Users connected to a single camera	3

	Max number of cameras in a room (AP mode)	6
	Max number of cameras in a room (STA mode)	not fixed. 9 cameras must be connected to a router
Ethernet	Ethernet resolution (MP)	4
	Ethernet type	802.3ab
Camera Power Supply	Type	External
	Connector	Mini USB
	Power plug type	EU PLUG
	Input voltage	100/240 Vac, 50/60Hz
	Output voltage	5 Vdc 500mA
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
	USB cable (1.8m)	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