Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

5mp Microscope Camera

Product Code :

SLE/M/118



Science Lab
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Description :

5mp Microscope Camera (Product Code: SLE/M/118) is a C-mount Wi-Fi microscope camera used to stream live microscope images to several smartphones, tablets or computers at once for demonstrations and remote viewing. It has a 5 MP CMOS sensor with 12-bit greyscaleconversion and 24-bit colour rendering, sends H.264-encoded images over a key-secured Wi-Filink and runs on USB power. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory instruments supplier in India.

Specifications

Parameter	Detail
Sensor	CMOS, 1/2.5 inch
Pixels (as listed)	1280 x 720 pixels, 5.0 Mpix (confirm capture resolution with us)
Scan mode	Electronic rolling shutter
Pixel size	2.2 µm x 2.2 µm
Filter	RGB colour filter and IR-cut-off filter (380–650 nm)
Mount	C-mount
Maximum frame rate	Up to 12 frames per second
Exposure	Automatic or manual, 1 ms to 800 ms
White balance	Automatic / manual
Bit depth / ADC	12-bit greyscale conversion, 24-bit colour rendering; ADC 12 bits
Dynamic range	61 dB
Sensitivity	0.53 V/lux-sec at 550 nm
Signal-to-noise	Max 43 dB
Data interface	Wi-Fi, H.264-encoded images, secured with key
Operating conditions	0 to 50 °C; 30–80% humidity
Storage temperature	-20 to 60 °C
Power supply	Supplied USB charger, or the USB port of a PC
Housing	Zinc-aluminium alloy, 68 x 68 x 45 mm
Compatibility	Windows 7, 8, 10 (32 and 64 bit); iOS iPad or iPhone; Android tablets and phones
Requirements	PC with Intel Core2 2.8 GHz or higher, or equivalent, and minimum 2 GB RAM; Wi-Fi enabled device with DLICP
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