

Specification:

Model No	SCM-1MP-OV9281-C520
Sensor	1/4' ' OV9281 sensor
Pixel	1 Mega Pixel
Most effective pixels	1280(H) x 800(V)
Pixel Size	3.0μm x 3.0μm
Image area	3896um(H) x 2453um (V)
Compression format	MJPEG / YUY2
Resolution & Frame rate	See above
Structure	Rigid-Flexible and adjustable
Shutter Type	Global Shutter
Chroma	Monochrome (black/white image)
Focus type	Fixed focus/Manually adjustable
S/N ratio	38dB
Dynamic range	68dB
Dark current	80e-/sec
Interface type	USB2.0
Lens FOV	60°
Microphone	Not support
Adjustable parameter	Brightness/Contrast/Color saturation/Hue/Definition/ Gamma/White balance/Exposure
Audio frequency	Optional
Power supply	USB BUS POWER
Power consumption	DC 5V, 180mW
Main chip	DSP/SENSOR/FLASH
Auto Exposure Control	Support
Auto White Balance	Support
Auto Gain Control	Support
Dimension	25MMx18MM for controller board 70MMx10MM for lens+ flex cable

Storage temperature	-20° C to 70° C
Operating temperature	0° C to 60° C
USB cable length	Default 50CM
Support OS	WinXP/Vista/Win7/Win8/Win10 Linux with UVC (above linux-2.6.26) MAC-OS X 10.4.8 or later Android 4.0 or above with UVC