

## USB30W04MT Camera Parameters

Model	RER-USB30W04MT
Sensor	OV7725
Lens Size	1/4 inch
Pixel Size	6.0 x 6.0 $\mu\text{m}$
Image Area	3984 x 2952 $\mu\text{m}$
Max. Resolution	640(H) x 480(V)
Packed Format	MJPEG / YUV2 (YUYV)
Resolution & Frame	640x480 MJPEG@30fps/YUY2@30fps 352x288 MJPEG@30fps/YUY2@30fps 320x240 MJPEG@30fps/YUY2@30fps 160x120 MJPEG@30fps/YUY2@30fps
Adjustable Frame	5 fps, 10 fps, 15 fps, 20 fps, 25 fps, 30 fps
USB Protocol	USB2.0 HS/FS; USB1.1/USB1.0
S/N Ratio	50dB
Dynamic Range	60dB
Sensitivity	3.8V/lux-sec@550nm
Mini Illumination	0.2 lux
Shutter Type	Electronic rolling shutter/Frame exposure
Connecting Port Type	USB
Free Drive Protocol	USB Video Class (UVC)
AEC Supported?	Yes
AEB Supported?	Yes
AGC Supported?	Yes
Adjustable Parameters	Brightness, Contrast, Saturation, Hue, Sharpness, Gamma, White Balance, Backlight Contrast, Exposure, Flip
Lens Parameter	Standard 3.6mm, optional 2.1/2.5/2.8/6mm
IR CUT Connector	2P-1.25mm socket
IR LED Board Test Connector	2P-1.25mm socket
IR LED Board Power Connector	2P-2.0mm socket
Power Supply	USB BUS POWER 4P-2.0mm socket
Working Voltage	DC 5V
Working Current	110 -130mA
Working Temperature	-10 - 70°C

Storage Temperature	-20 - 85°C
Board Size/Weight	38 x 38 mm (compatible with 32x32mm)/About 30g
Cable Length	1M
Operating System Request	WinXP/Vista/Win7/Win8 Linux with UVC (above linux-2.6.26) MAC-OS X 10.4.8 or later Wince with UVC Android 4.0 or above with UVC

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