

Technical Specifications

Scan Mode	Progressive
Max. Resolution	2592 × 1944 pixels @ 5 fps
Pixel Size	2.2 μm × 2.2 μm
Responsivity	0.53 v/lux-sec (550 nm)
Dynamic Range	66.5 dB
A/D Converter	12-bit, 8-Bit R.G.B. to PC
S/N Ratio	40.5 dB
Spectral Range	400-650 nm (with IR-Filter)
Frame Size and Rate	60 fps @ 640 × 480 pixels 18 fps @ 1280 × 960 pixels 5 fps @ 2592 × 1944 pixels
White Balance	One-push region of interest (ROI) white balance/ manual temp-tint adjustment
Capture/Control API	DirectShow, Twain
Capture Mode	Still picture and video

System Requirements

Operating System	Windows [®] XP, Vista, 7 (32 & 64 bit)
CPU	Equal to Intel [®] Core2 2.8 GHz or higher
RAM	2 GB
USB	USB 2.0 high-speed port
Optical Drive	CD-ROM drive

Environmental Specifications

Operating Temperature	-30~70 °C
Storage Temperature	-40~125 °C
Operating Humidity	30~80 %RH
Storage Humidity	10~60 %RH

Electrical Specifications

Power Supply	USB powered
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General Specifications

Dimensions	W 8.25" × D 5.25" × H 3.25" (21 cm × 13.3 cm × 8.25 cm)
Cable Length (Camera to Computer)	6 ft. 5 in. (196 cm)
Weight	1.8 lb (0.82 kg)
Part Number	427500



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Assembled in the U.S.A.

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