

SPECIFICATIONS

Preliminary

Model (Type)		WAT-01U2
Pick-up element		1/2.8-inch CMOS image sensor
Number of effective pixels		1984 (H) x 1225 (V)
Synchronizing system		Internal
Scanning system		Progressive
Resolution (H)		680TVL (Center, YUY2 Output)
Video output		USB miniB, USB video class
Minimum illumination		0.25 lx. F1.4 (1/30s)
Output size		160 x 120, 176 x 144, 320 x 240, 640 x 480, 1280 x 720, 1280 x 800, 1280 x 1024, 1920 x 1080
Maximum frame rate		30fps
AE	Electronic Shutter	1/15, 1/30, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000 sec.
	Electronic iris	1/30 ~ 1/16000 sec. (Slow Shutter Mode: 1/15 ~ 1/16000 sec.)
AGC	Auto	0 ~ 42dB
	Manual	0 ~ 24dB (24 steps)
White balance	ATW	2800 ~ 9500K
	MWB	2800 ~ 6500K
Gamma correction		ON / OFF
Back light compensation		ON / OFF
Interface		USB2.0
Operating systems		Windows XP Professional / Home edition(SP2,SP3) ※Limited Functions(N/A: Gain, Flickerless), Windows Vista 32bit/64bit, Windows 7 32bit/64bit, Windows 8 32bit/64bit
Power supply		DC+5V (USB bus powered)
Power consumption		0.6W (120mA)
Operating temperature		-10 ~ +50°C
Operating humidity		95%RH or less (w/o condensation)
Storage temperature		-30 ~ +70°C
Storage humidity		95%RH or less (w/o condensation)
Lens mount		CS (Back focus adjustable)

※Design and specifications are subject to change without notice.

DIMENSIONS (mm)

