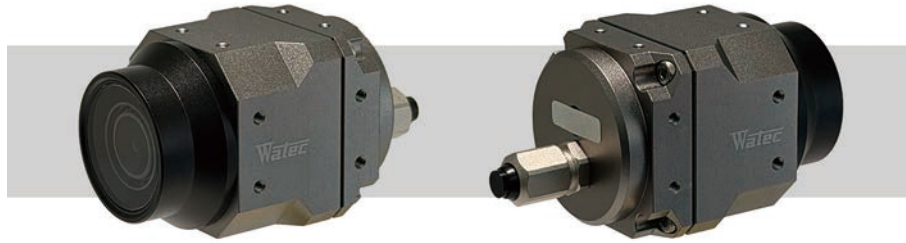


WAT-08U2D(G3.6)

IP67-Rated USB2.0 Full HD Color Camera

Suitable for use in outdoor environments exposed to dust and water drops.

NEW

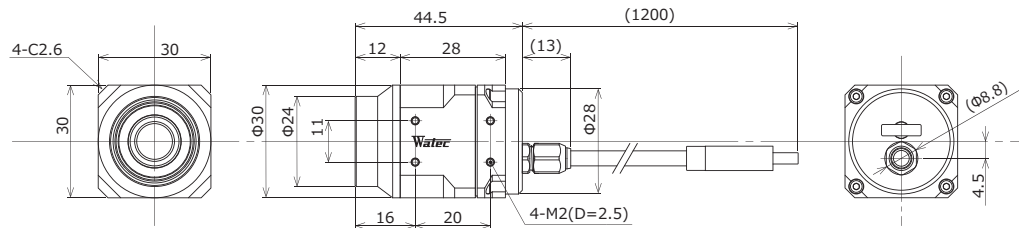


***NO CE & FCC**

Key features

- USB Video Class & USB Bus Power (plug & play)
- High durability with tempered glass and aluminum housing.
- Standard USB connector is Type-C, but Type-A version of "WAT-08U2D Type-A (G3.6)" and Micro-B version of "WAT-08U2D Micro-B (G3.6)" are also available.

Dimensions



Specifications

Pick-up element		1/2.8 inch BSI CMOS image sensor
Number of effective pixels		1945(H) × 1097(V)
Unit cell size		2.9μm(H) × 2.9μm(V)
Imaging system		RGB primary color bayer arrangement mosaic filter on chip
Synchronizing system		Internal
Scanning system		Progressive
Output size		1920x1080, 1280x720, 640x480, 320x240
Max. frame rate		60 fps
Video compression		MJPEG, YUY2
Video output		USB Video Class (Compatible)
Resolution (H)		More than 900 (Center)
Minimum illumination		0.3 lx F2.0 (AGC ON=36dB, Shutter= OFF)
		0.07 lx F2.0 (AGC ON=36dB, Shutter=1/7.5 sec.)
S/N		—
Function settings		Camera Viewer
AE mode	Fixed	1/15, 1/7.5, 1/4 sec.
		1/30, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000 sec.
	EI	1/30 - 1/8000 sec.
		1/7.5 - 1/8000 sec.
White balance		ATW, MWB
AGC	ON	0 - 36dB
	OFF	—
MGC		0 - 72dB (1dB step)
Gamma characteristics		γ≒USER (Level adjustable)
Noise reduction		—
Wide dynamic range		—
Lens iris		—
Back light compensation		BLC
White blemish correction		—
Sharpness		Level adjustable
Defog		—
Digital zoom		×1, ×1.38, ×2.25 *1, ×1, ×1.2, ×1.5 *2
Privacy mask		—
Mirror image		—
Freeze		—
Motion detection		—
Neg.image		—
Interface		USB2.0 Type-C
Power supply		USB +5V
Power consumption		0.8W (160mA)
Operating / Storage Temperature		-10 - +50℃ / -30 - +70℃
Operating / Storage Humidity		95% RH or less (Without condensation)
Lens mount		M12 P=0.5
Standard lens		M3620BC-12(f3.6 F2.0)
Cable length		1.0m (Max. 3.0m)
Weight		Approx. 105g
Accessories		—
Recommended System Specifications	CPU	Intel® Core TM i Series
	RAM	2GB or larger
	Others	USB2.0 Port, 1920×1080 or better resolution display
Operation Confirmed OS		Windows 10 32bit/64bit, Windows 11, Android 4.0 or later

*1: Output format: 640x480 *2: Output format: 1280x720

Options

