

WAT-03U2D

1/3" High Sensitivity USB2.0 HD Water Resistant Camera

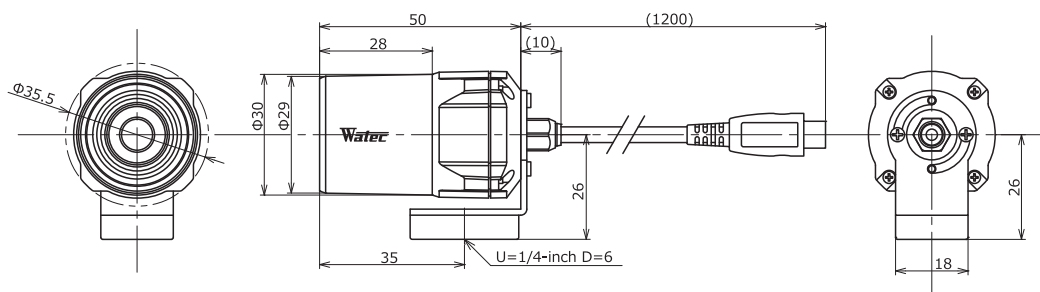
IPX7 Water resistance



Key features

- High Sensitivity 1.3 Mega pixel CMOS sensor
- Min. illumination 0.04 lx F2.0 (AGC ON=42dB, Shutter=OFF)
0.01 lx F2.0 (AGC ON=42dB, Shutter=1/7.5 sec.)
- Frame rate : 30fps (HD), 60fps (VGA)
- Water resistant structure for outdoor use

Dimensions



Specifications

Pick-up element		1/3 inch CMOS image sensor
Number of effective pixels		1305(H) × 977(V)
Unit cell size		3.75μm(H) × 3.75μm(V)
Imaging system		RGB primary color bayer arrangement mosaic filters on chip
Synchronizing system		Internal
Scanning system		Progressive
Output size		1280×960, 1280×720, 640×480, 320×240
Max. frame rate		60 fps
Video compression		MJPEG, YUY2
Video output		USB Video Class (Compatible)
Minimum illumination		0.04 lx F2.0 (AGC ON=42dB, Shutter=OFF)
		0.01 lx F2.0 (AGC ON=42dB, Shutter=1/7.5 sec.)
S/N		—
Function settings		Camera Viewer
AE mode	Fixed	1/15, 1/7.5, 1/4, 1/2, 1, 2 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 - 42dB
	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		—
Privacy mask		—
Mirror image		—
Freeze		—
Motion detection		—
Neg.image		—
Interface		USB2.0 Mini-B
Power supply		USB +5V
Power consumption		0.75W (150mA)
Operating temperature		-10 - +50°C
Storage temperature		-30 - +70°C
Operating / Storage humidity		95% RH or less (Without condensation)
Standard lens		M3620BC-12 (f3.6 F2.0)
Cable length		1.2m (Max. 3.0m)
Weight		Approx. 85g
Accessories		—
Min. System Requirements	CPU	800MHz or faster
	RAM	512MB or larger
	Others	USB2.0 Port
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 7 32bit/64bit, Windows 8 32bit/64bit, Windows 8.1 32bit/64bit, Windows 10 32bit/64bit, Windows 11, Android 4.0 or newer

Options

