

WAT-02U2D

1/2.8" USB2.0 water-resistant color camera

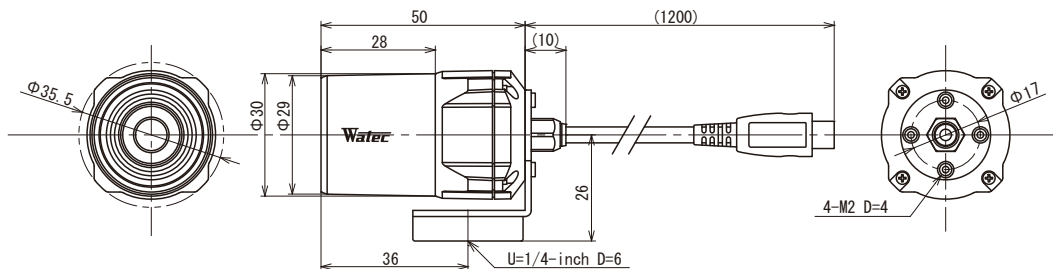
Full HD CMOS sensor



Key features

- USB video class & USB bus power (Plug & Play)
- Compact design (34×29×50 mm)
- 30 Frames per second video at full high definition 1080p
- Water-resistant design enables easy installation in outdoors
- Built-in M12 lens G3.7 (f=3.7mm F1.8)

Dimensions



Specifications

Pick-up element	1/2.8-inch CMOS image sensor	
Number of total pixels	2000(H) × 1241(V)	
Number of effective pixels	1984(H) × 1225(V)	
Unit cell size	2.8 μm × 2.8 μm	
Imaging system	RGB primary color mosaic filter	
Sync. System	Internal	
Scanning System	Progressive	
Output size	160×120, 176×144, 320×240, 640×480, 1280×720, 1280×800, 1280×1024, 1920×1080	
Max. frame rate	30 fps	
Video Output	USB Micro-B, USB Video Class (Compatible)	
Minimum Illumination	0.5 lx F1.8 (1/30s)	
AE mode	Fixed	1/15, 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. ※Slow shutter: 1/15 – 1/8000 sec.
White balance	ATW	2800 – 9500K
	MWB	2800 – 6500K
AGC	0 – 42dB	
MGC	0 – 24dB (25 steps)	
Gamma characteristics	ON / OFF	
Back Light Compensation	ON (Center) / OFF	
Power Supply	DC+5V (Supplied by the USB bus)	
Power Consumption	0.6W (120mA)	
Operating Temperature	-10 – +50°C	
Storage Temperature	-30 – +70°C	
Operating / Storage Humidity	95% RH or less (Without condensation)	
Standard lens	M3718BC-12 (f3.7 F1.8)	
Cable length	1.2m	
Weight	Approx. 85g	

Min. System Requirements	CPU: 800MHz or faster RAM: 512MB or larger Others: USB2.0 Port
Recommended System Specifications	CPU: Intel® Core™ i Series or newer RAM: 2GB or larger Others: USB2.0 Port, 1920×1080 or better resolution display
Operation Confirmed OS	• Windows XP 32bit/64bit (SP2, 3) • Windows Vista 32bit/64bit • Windows 7 32bit/64bit • Windows 8 32bit/64bit • Android 4.0 or newer

Accessories Options

