

# WAT-02U2D 1/2.8" USB2.0 Full HD Water Resistant Camera

Compact Full HD

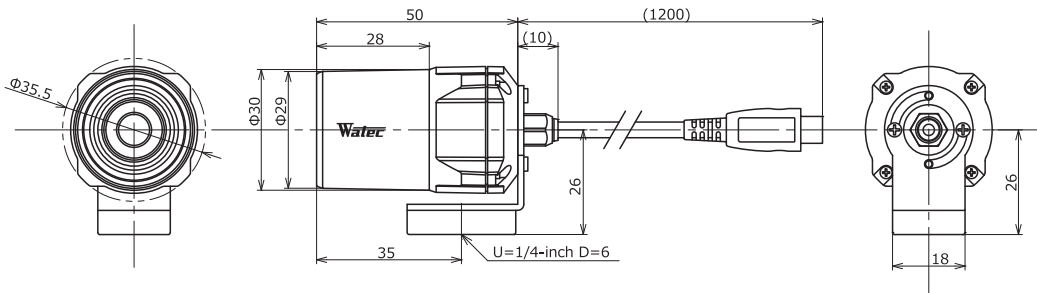


\*NO CE & FCC

## Key features

- USB Video Class
- Full HD (Max. frame rate 30fps)
- Water resistant structure for outdoor use

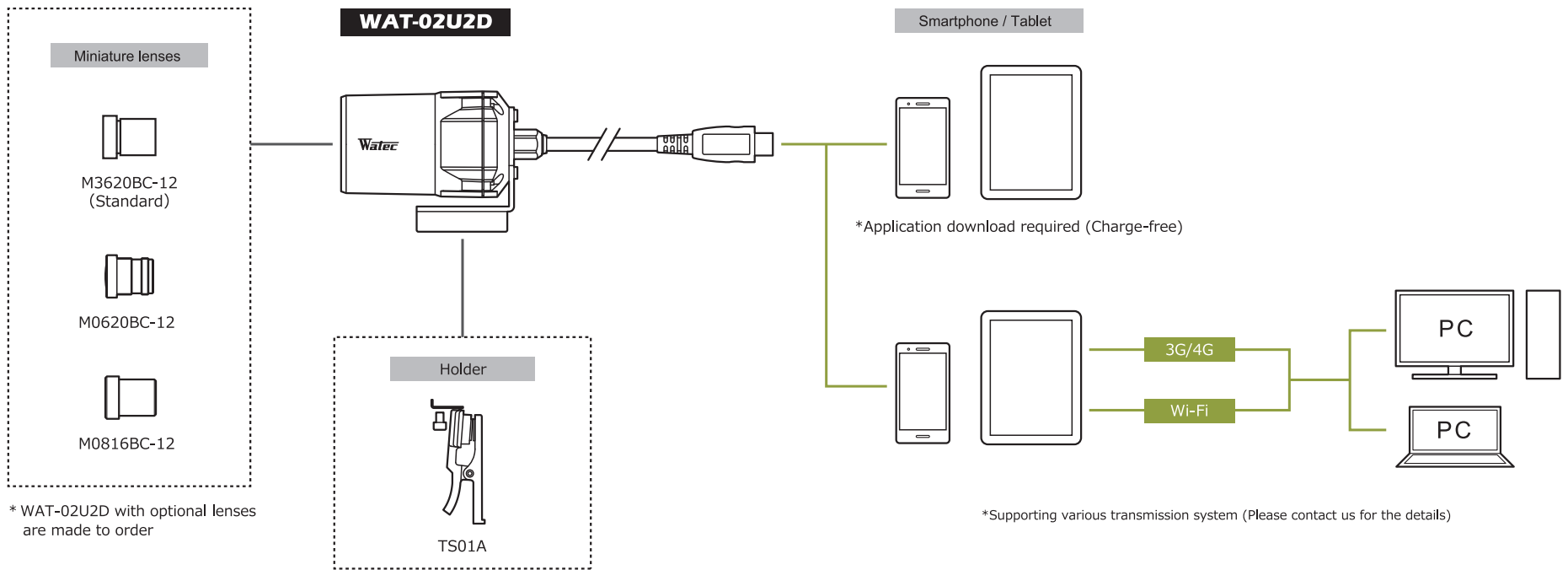
## Dimensions



## Specifications

Pick-up element	1/2.8 inch CMOS image sensor	
Number of effective pixels	1984(H) × 1225(V)	
Unit cell size	2.8μm(H) × 2.8μm(V)	
Imaging system	RGB primary color bayer arrangement mosaic filters on chip	
Synchronizing system	Internal	
Scanning system	Progressive	
Output size	1920×1080, 1280×1024, 1280×800, 1280×720, 640×480, 320×240, 176×144, 160×120	
Max. frame rate	30 fps	
Video compression	MJPG, YUY2	
Video output	USB Video Class (Compatible)	
Resolution (H)	More than 680TVL (Center)	
Minimum illumination	0.5 lx F2.0 (AGC ON=42dB, Shutter=OFF)	
	0.25 lx F2.0 (AGC ON=42dB, Shutter=1/15 sec.)	
S/N	-	
Function settings	Camera Viewer	
AE mode	Fixed	1/15 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.
		1/15 - 1/8000 sec.
White balance	ATW, MWB	
AGC	ON	0 - 42dB
	OFF	-
MGC	0 - 24dB	
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	USB (High speed)	
Power supply	USB +5V	
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	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 XP 32bit/64bit (SP2, 3), Windows Vista 32bit/64bit, Windows 7 32bit/64bit, Windows 8 32bit/64bit, Windows 8.1 32bit/64bit, Windows 10 32bit/64bit, Android 4.0 or newer	

Options



Miniature lenses

M3620BC-12  
(Standard)

M0620BC-12

M0816BC-12

**WAT-02U2D**

Smartphone / Tablet

Holder

TS01A

\*Application download required (Charge-free)

3G/4G

Wi-Fi

PC

PC

\*Supporting various transmission system (Please contact us for the details)

\*WAT-02U2D with optional lenses are made to order