

WAT-06U2D 1/2.8" USB2.0 Full HD Wearable Color Camera

Upgraded the performance from WAT-02U2D

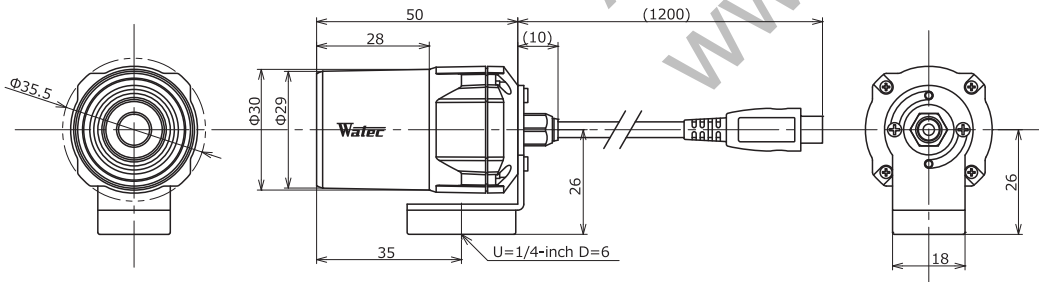
NEW



Key features

- Resolution 1.3 times higher and sensitivity 3.5 times higher than the previous model
- USB Video Class & USB Bus Power (plug & play)
- Full HD (Max. frame rate 30fps)
- Enable the live video transmission via the smartphone or tablet by its Wi-Fi or 4G/3G
- Water resistant built for outdoor use (IPX7 compliance)

Dimensions



Specifications

Pick-up element	1/2.8 inch 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 filters on chip		
Synchronizing system	Internal		
Scanning system	Progressive		
Output size	1920x1080, 1280x720, 640x480, 320x240		
Max. frame rate	30 fps		
Video compression	MJPG, YUY2		
Video output	USB Video Class (Compatible)		
Resolution (H)	More than 900TVL (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.	
		1/30 - 1/8000 sec.	
AGC	EI	1/7.5 - 1/8000 sec.	
		White balance	ATW, MWB
		ON	0 - 36dB
MGC	OFF	-	
	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	USB (High speed)		
Power supply	USB +5V		
Power consumption	0.65W (130mA)		
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	-		
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, Android 4.0 or newer		

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

Options

