



Part #: TSE-WAT-05U2M



The Waterc 05U2M is a Compact Water Resistant High Definition Camera. The Waterc 05U2M can be viewed, recorded and custom configured from a computer, tablet or a smartphone. The TSE-WAT-05U2M comes with 3.3mm conical pinhole lens. The Waterc 05U2M comes standard with an integrated USB cable. Also available with custom cable and mounting configurations, please contact us to discuss your requirement.

Features

- 180 Degree Wide Angle Lens
- Ultra-Compact Design – 30 x 30 x 22mm
- 1080 HD Video
- Low Power Draw – 170mA
- USB High Speed
- Weight – 45g

Available on GSA Schedule **GS-02F-0136U**

Tactical Support Equipment Inc.
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www.tserecon.com

For More Information
 Contact sales@tserecon.com

Phone: 800.889.4030
Phone: 910.425.3360
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Specifications (TSE-WAT-05U2M)

Pick-up element		½.8 inch BSI CMOS image sensor
Number of Effective Pixels		1945 (H) x 1097 (V)
Unit Cell Size		2.9µm(H) x 2.9µm(V)
Imaging System		RGB primary color bayer arrangement Mosaic filters on chip
Synchronizing System		Internal
Scanning System		Progressive
Video Output Size		1920 x 1080, 1280 x 720, 640 x 480, 320 x 240
Max. Frame Rate		30 fps
Video Compression		MJPEG, YUY2
Video Output		USB Video Class (Compatible)
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.)
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 Selectable)
Back Light Compensation		BLC
Interface		USB (High Speed)
Power Supply		USB DC+5V
Power Consumption		0.85W (170mA)
Operating Temperature		-10°C+50°C
Storage Temperature		-30°C+70°C
Operating / Storage Humidity		95%RH or less (Without Condensation)
Standard Lens		M1720BC-12 (f1.7 F2.0)
Cable Length		1.2m
Weight		Approx. 45g
Minimum System Requirements	CPU	800MHz or faster
	RAM	512MB or faster
	Others	USB2.0 Port
Recommended System Specifications	CPU	Intel® Core™ i Series
	RAM	2GB or larger
	Others	USB2.0 Port, 1920 x 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, Android 4.0 or newer

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