



Part #: TSE-WAT-1200CS

The Waterc 1200CS is a Color/Black & White Miniature Camera. The Waterc 1200CS can be custom configured from the On Screen Display using the optional RC-01 wired remote. The Waterc 1200CS is a CS-Mount camera that allows you to use manual or auto-iris lenses. The Waterc 1200CS comes standard with flying leads for customer integration. Also available with custom cable configurations, please contact us to discuss your requirement.

Features

- High Sensitivity – 0.002 lx. F1.2
- Ultra-Compact Design – 26 x 26 x 30mm
- Resolution – More than 750TVL
- Low Power Draw – 60mA
- Day/ Night with Auto Iris
- Weight – 22g

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

Tactical Support Equipment Inc.
 4039 Barefoot Road
 Fayetteville, NC 28306
www.tserecon.com

For More Information
 Contact sales@tserecon.com

Phone: 800.889.4030
Phone: 910.425.3360
Fax: 910.425.3361



Specifications (TSE-WAT-1200CS)

Pick-up element	1/3.2-inch BSI CMOS image sensor	
Number of Effective Pixels	1280 (H) x 960 (V)	
Unit Cell Size	3.5µm(H) x 3.5µm(V)	
Imaging System	RGB+W array mosaic filters on chip	
Synchronizing System	Internal	
Scanning System	Progressive	
Video Output	Composite 1.0Vp-p 75Ω (Unbalanced)	
Resolution (H)	More than 750 TVL (Center)	
Minimum Illumination	0.002 lx F1.2 (AGC=54dB)	
S/N	More than 55dB (AGC=OFF, γ=1.0)	
Function Settings	OSD (On Screen Display) operated by optional remote controller	
AE Mode	Fixed	1/50 (sec.)
		1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/2000
		1/4000, 1/8000, 1/10000, 1/20000, 1/50000, 1/100000 sec.
	EI	1/60, 1/100000 (sec.)
White Balance	ATW, PUSH, USER1, USER2, MANUAL, PUSH LOCK	
AGC	ON	0-54dB
	OFF	0dB
MGC	0 – 54dB (6 dB step)	
Day / Night	ICR mechanical less Day/Night	
Gamma Characteristics	γ=0.45	
Video Level	Adjustable	
Noise Reduction	2DNR OFF/ON Level Adjustable	
Wide Dynamic Range	WDR: ON / OFF (Level selectable)	
	D-WDR OFF / ON (Level selectable)	
Lens Iris	DC	
Back Light Compensation	BLC / HLC	
Defog	ON / OFF (Level Selectable)	
Privacy Mask	16 Masks	
Mirror Image	OFF / H-FLIP / V-FLIP / HV-FLIP	
Interface	4P connector (Composite Video, Power in), Auto iris, 2P connector (IR light ctl), Remote control (RC-01)	
Power Supply	DC+5V – 12V	
Power Consumption	0.6W (120mA) @ +5V, 0.72W (60mA) @ +12V	
Operating Temperature	-10°C+50°C	
Storage Temperature	-30°C+70°C	
Operating / Storage Humidity	95%RH or less (Without Condensation)	
Lens Mount	CS Mount	
Weight	Approx. 22g	

Tactical Support Equipment Inc.
4039 Barefoot Road
Fayetteville, NC 28306
www.tserecon.com

For More Information
 Contact sales@tserecon.com

Phone: 800.889.4030
Phone: 910.425.3360
Fax: 910.425.3361



Specifications subject to change without notice, the information in this document does not form part of any contract or quote.