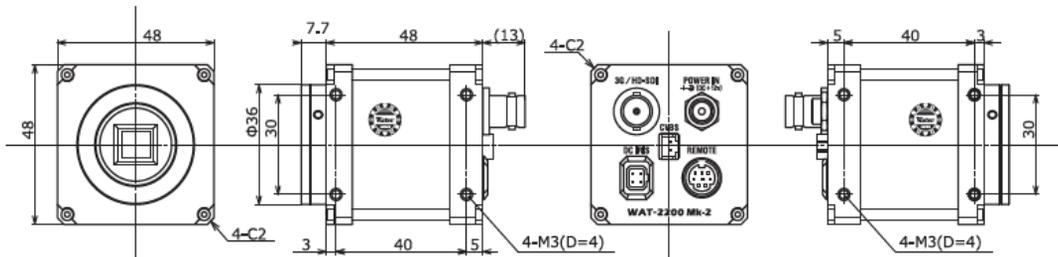




Tactical Support Equipment
www.tserecon.com

Watec 2200MK2



Part #: TSE-WAT-2200MK2 or TSE-WAT-2200MK2T

The Watec 2200MK2 is a professional 3G/HD-SDI camera. At a minimum illumination of 0.0004LUX the Watec 2200MK2 is the perfect camera for a low light HD surveillance applications. With it's small size and ease of use, the Watec 2200MK2 is a great choice for novice and advanced users. The Watec 2200MK2 is available in two models, TSE-WAT-2200MK2 comes with standard non-locking power connector and the TSE-WAT-2200MK2T comes with a factory installed Tajimi locking power connector.

Features

- Use in HD Low Light applications
- Compact Design
- Auto Iris Lens compatible
- Simple to use
- 1/2.8" Image Sensor
- Weight – 130g

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

Specifications (TSE-WAT-2200MK2 or TSE-WAT-2200MK2T)

Pick-up element	1/2.8 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		
Max. Frame Rate	30 fps		
Video Output	3G-SDI, HD-SDI, Composite Video: 1.0 V(p-p) 75 Ohm (Unbalanced)		
Output Format	1080/60p, 1080/59.94p, 1080/50p, 1080/60i, 1080/59.94i, 1080/50i, 1080/30p		
	1080/29.97p, 1080/25p, 1080/24p, 720/60p, 720/59.94p, 720/50p, NTSC, PAL		
Resolution (H)	More than 1000 TVL (Center)		
Minimum Illumination	0.006 lx F1.2 (AGC ON=72dB, Shutter=OFF)		
	0.0004 lx F1.2 (AGC ON=72dB, Shutter=x15)		
S/N	More than 55dB (AGC OFF=0dB, γ= 1.0)		
Function Settings	OSD: Remote controller, RS-232 (Pelco-D, Pelco-P), Communication: RS-232 (Pelco-D, Pelco-P, Visca)		
AE Mode	Fixed	x2, x3, x4, x5, x6, x7, x8, x9, x10, x12, x15 (frame)	
		1/30, 1/60, 1/120, 1/180, 1/240, 1/300 sec. *1	1/25, 1/50, 1/100, 1/150, 1/200, 1/250 sec. *2
		1/500, 1/1000, 1/2000, 1/5000, 1/10000 sec.	
	EI	1/30 - 1/10000 sec.*1	1/25 - 1/10000 sec. *2
		x15 - 1/10000 sec.	
White Balance	ATW, PWB, MWB		
AGC	ON	0-36dB (LOW), 0-50dB (MID), 0-72dB (HIGH)	
	OFF	0dB	
MGC	0 – 72dB (5dB step)		
Gamma Characteristics	γ=USER (Level Adjustable)		
Noise Reduction	3DNR OFF/ON Level adjustable, 2DNR OFF/ON Level adjustable, 3D+2DNR ON Level adjustable		
Wide Dynamic Range	WDR OFF/ON Level adjustable, D-WDR OFF/ON Level adjustable		
Len Iris	DC		
Back Light Compensation	BLC, HSBC		
White Blemish Correction	Up to 2046 pixels		
Sharpness	OFF/ON Level Adjustable		
Defog	OFF/ON Level Adjustable		
Digital Zoom	ZOOM (x1.01 – x6.00), PAN/TILT		
Privacy Mask	8 Masks		
Motion Detection	OFF/ON 4 areas arbitrarily configurable		
Interface	BNC (3G/HD-SDI), 2P connector (Composite video), Power in, Auto iris, mini DIN8P (RC-02, RS-232)		
Power Supply	DC+12V ±10%		
Power Consumption	2.52W (210mA)		
Operating / Storage Temperature	-10°C+50°C / -30°C+70°C		
Operating / Storage Humidity	95%RH or less (Without Condensation)		
Lens Mount	CS Mount		
Weight	Approx. 130g		

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