



Introducing a new low cost 3G-SDI / HD-SDI output camera from Watec. Its 1920 x 1080 1-CMOS sensor with RGB and white pixels achieving low light sensitivity.

The WAT-2200 is without latency and compression artifacts delivering high quality and versatile imaging quality and from a compact footprint of only 48 x 48 x 57mm.

Specification:

Power Requirements	12 V DC \pm 10% 185 mA 2.2W
Image Sensor	1/2.8-inch 2.4 MP Progressive Scan CMOS RGB+W array mosaic filters on chip
Pixel Size	2.8 μ m x 2.8 μ m
Effective Pixels	Horizontal: 1952, Vertical: 1236
Output Pixels	Horizontal: 1920, Vertical: 1080
Output Mode	1080 i / p 720p
Synchronising System	Internal
Scanning System	Progressive
Video Output	3G-SDI and HD-SDI
Output Format 3G-SDI	1080p 50, 59.94 & 60
Output Format HD-SDI	1080i 50, 59.94, 60; 1080p 25, 29.97, 30 720p 50, 59.94 & 60
Signal / Noise	>50dB
Minimum Illumination	0.1 lux F1.2
Function Settings	On Screen Display, operated by (RS232)
AE Mode	Auto / Manual
Electronic Shutter Mode	OFF 1/100, 1/120, 1/200, 1/500, 1/1000, 1/2000, 1/5000 & 1/10,000 Second
Gain	AGC (Low / Medium / High) 0 - 30dB MGC
White Balance	ATW, PWB, Manual, Preset (4 types)

Features:

- Full HD Progressive / Interlaced camera
- 1/2.8-inch CMOS Sensor
- 1920 x 1080 Full HD
- 0.1 lux, F1.2 low light sensitivity
- 3G-SDI (SMPTE424M) and HD-SDI output
- Versatile & Compact camera (48 x 48 x 57mm)
- On Screen Display
- Weight 130 grammes

Specification Continued:

Noise Reduction	2DNR On / Off
Flickerless Mode	ON / OFF
Privacy Mask	16 areas (RS-232)
Mirror Image	Off / On (H-flip, V-flip)
White Blemish Correction	1023 Pixels
Backlight Compensation	On / Off
Defog	On / Off
Auto Iris Output	DC Iris via 4 Pin Pana-plug
Remote Control	RS-232C
Lens mount	Back focus adjustable CS-mount
Dimensions	48mm (W) x 48mm (H) x 57mm (D)
Weight	Approx. 130 grammes
Operating Temperature	-10 - + 50°C
Storage Temperature	-30°C to +70°C
Relative Humidity	95% RH or less (without condensation)

Please contact SeeSense for further details of this camera and a list of compatible CS & C-mount lenses:

www.seesense.eu nigel@seesense.eu

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