



Dimensions (mm):

Part #: TSE-WAT-933IP

The Watec 933IP is the smallest Monochrome Low Light, HD, IP Camera on the market today. This camera is equipped with built-in edge recording to a micro-SD card. The Watec 933IP can be custom configured from the camera's web page. The Watec 933IP also has the ability to accept and record audio input.

Features

- Low Light Sensitivity 0.0001 lx F1.4
- High Definition
- Web Browser Interface
- Digital Wide Dynamic Range
- 1/2.8" BSI CMOS Image Sensor
- Edge Recording to micro-SD Card
- Motion Detection
- Weight – 2.68oz (76g)

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-933IP)

| | | |
|------------------------------|---|--|
| 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) | |
| Synchronizing System | Internal | |
| Scanning System | Progressive | |
| Output Size | 1920 x 1080, 1280x720, 800x600, 704 x 480, 704 x 400, 640 x 480, 640 x 360, 320 x 240 | |
| Max. Frame Rate | 30fps | |
| Video Compression | H.264, MJPEG | |
| Minimum Illumination | 0.0001lx. F1.4 (AGC: HIGH=72dB, Shutter=OFF) | |
| Function Settings | Browser | |
| AE Mode | Fixed | x2, x4, x8, x16, x32 (frame) |
| | | 1/30, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/15000, 1/30000 sec. |
| | EI | 1/30~1/30000 sec. |
| | | x32~1/30000 sec. |
| AGC | ON | 0~72dB (MAX : 0~72dB) |
| | OFF | 0dB |
| Gamma Correction | γ=0.45, 0.55, 0.65, 0.75 | |
| Noise Reduction | 3DNR ON / OFF Level adjustable | |
| Wide Dynamic Range | WDR OFF/ON Level adjustable | |
| Lens Iris | DC | |
| Back Light Compensation | BLC / HSBC | |
| Sharpness | OFF/ON Level adjustable | |
| Defog | OFF/ON | |
| Privacy Mask | 16 masks | |
| Mirror Image | OFF, V-FLIP, H-FLIP, HV-FLIP | |
| Motion Detection | OFF/ON 4areas arbitrarily configurable | |
| ONVIF | profile S | |
| Supported Protocols | TCP/IP, UDP/IP, RTP, (RTCP), RTSP, SNTP, HTTP, FTP, DHCP, DNS, UPnP | |
| Interface | RJ45 (10BASE-T, 100BASE-TX) | |
| | 4P connector (Audio in, Power in), Auto iris, microSD | |
| Power Supply | PoE +48V(IEEE802.3af), DC+12V~+36V±10 % | |
| Power Consumption | 1.92W / 40mA (PoE +48V), 1.56W / 130mA (DC +12V) | |
| Operating Temperature | 0~+50° C | |
| Storage Temperature | -30~+70° C | |
| Operating / Storage Humidity | Less than 95%RH (Without condensation) | |
| Lens Mount | CS (Back Focus Adjustable) | |
| Weight | 2.68oz (76g) | |

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