

SATIR

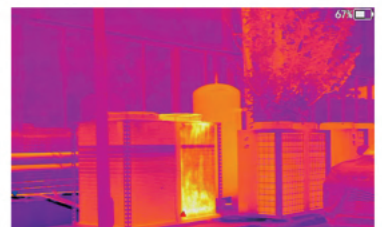


P1

HIGH-END THERMAL IMAGER FOR INDUSTRIAL MAINTENANCE

FEATURES

- 1024x768 Detector Resolution
- 5 MP HD Visual Camera
- 5.8 Inch LCD Touch Screen
- IR/Digital/Duo-vision/PiP
- Manual/Motorized/Auto Focus
- Bluetooth, WIFI and USB transmission
- QR Code and Barcode Function





Specification

| Model | P1 |
|------------------------------------|---|
| Image Performance | |
| Detector type | UFPA |
| Detector resolution | 1024 x 768 |
| Thermal sensitivity | ≤0.04°C@30°C |
| Spatial resolution | 0.47mrad |
| FOV/Min. Focus distance | 28°x21°/0.35m |
| Minimum focusing distance | 0.35m |
| Spectral range | 7.5-14um |
| Frame rate | 30Hz |
| Focus | Manual/Motorized/Auto |
| Digital zoom | 1x to 10x |
| Image presentation | |
| LCD Display | 5.8" Capacitive touch screen |
| Image mode | IR/CCD/Duo-vision/PIP/Thumbnail image library |
| Visible pixels | High Definition CCD, 5million pixels |
| Image Enhancement | YES |
| Image storage | |
| Type | 16G(Built-in) and 128G |
| Temperature measurement | |
| Measurement range | -40°C ~ +650°C |
| Pseudo-color | North Pole, Gray, Iron red, lava, Rainbow, High rainbow |
| Measurement mode | 20 movable spots, auto hot/cold spot. 20 lines, 20 area boxes |
| Measurement accuracy | ±2°C or 2% of readings |
| Environment specification | |
| Operating temperature range | -20°C~+50°C |
| Storage temperature range | -40°C~+70°C |
| Protective performance | |
| Encapsulation | IP55 |
| Shock/Vibration resistance | 25G/2G |
| Physical characteristic | |
| Weight | 1.77KG |
| Size | 247mm × 90mm × 173mm |
| Power system | |
| Battery operating time | > 4 hours |
| Ports | |
| Output ports | Type-C USB, Bluetooth, WIFI |
| Features | |
| Illuminator | YES |
| Laser pointer | YES |
| Automatic naming of thermal images | Supports QR code and bar code |
| Video record | YES |

