

DS-2TP31B-3AUF

- High sensitivity sensor with 160 x 120 resolution
- High quality 320 x 240 resolution 2.4" LCD display
- Up to 4 palettes
- Wide temperature measurement range: 30°C - 45°C
- High temperature measurement accuracy: Up to $\pm 0.5^{\circ}\text{C}$
- Built-in rechargeable Li-ion battery
- Up to 8 hours continuous operation
- Note that the device is not for medical use.

▪ Specification

| Infrared Image | |
|--------------------------|---|
| Image Sensor | VOx Uncooled Focal Plane Arrays |
| Resolution | 160×120 |
| Pixel Interval | 17μm |
| Response Waveband | 8μm to 14μm |
| NETD | Less than 40 mK (@25°C,F#=1.1) |
| Focal Length | 3.1mm |
| Field of View | 50° × 37.2° (H × V) |
| IFOV | 5.48 mrad |
| Image Frequency | 25 hz |
| Aperture | F 1.1 |
| Image Display | |
| Monitor | 320 × 240 resolution 2.4" LCD display |
| Palettes | Black hot, White hot, Rainbow, Ironbow |
| Measurement and Analysis | |
| Thermographic Range | From 30 °C to 45 °C |
| Accuracy | ± 0.5 °C (Without Black Body) |
| General | |
| Hardware Interface | Micro USB |
| Power Supply | 3.7 V DC/0.4 A |
| Power Consumption | Less than 1.2 W |
| Working Temperature | 10 °C to 35 °C |
| Protection level | IP54 |
| Weight | 350 g (0.77 lb) |
| Dimension | 196 mm × 117 mm × 59 mm (7.7 " × 4.6 " × 2.3 ") |
| Material | Handle : Soft TPU Screen surround: Hard PC+ABS Screen: LCD display Thermal imaging detector: VOx UFPA Lens: Germanium glass Mainboard: PCB |
| System Function | |
| Capture | Thermal image |
| Storage | Replaceable memory card (default 8G, support up to 128G storage) |
| Battery Type | Rechargeable Lithium Battery |
| Battery Operating Time | 8 hours continuous running |

▪ Available Model

DS-2TP31B-3AUF,DS-2TP31B-3AUF(CynexZone)

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
www.hikvision.com



Follow us on social media to get the latest product and solution information.



Hikvision



HikvisionHQ



HikvisionHQ



Hikvision_Global



Hikvision
Corporate Channel



hikvisionhq