

Code: DS-2TP31B-3AUF

## HANDY THERMAL IMAGING CAMERA **DS-2TP31B-3AUF** 3.1 mm Hikvision

The DS-2TP31B-3AUF handy thermal imaging camera is equipped with a very sensitive, uncooled VOx microbolometer, allowing to obtain an image in the resolution of 160x120 px. The device will be perfect if you cannot permanently mount the thermal imaging camera and in mobile applications.



|                                      |                                                                                        |
|--------------------------------------|----------------------------------------------------------------------------------------|
| Sensor:                              | Uncooled VOx microbolometer                                                            |
| Matrix size:                         | 160 x 120 px                                                                           |
| Pixel pitch:                         | 17 $\mu$ m                                                                             |
| Thermal sensitivity (NETD):          | < 40 mK @ F1.0                                                                         |
| Spectral range:                      | 8 $\mu$ m ... 14 $\mu$ m                                                               |
| Color palettes:                      | 4                                                                                      |
| Lens:                                | 3.1 mm                                                                                 |
| View angle:                          | 37 °                                                                                   |
| Temperature measurement range:       | 30 °C ... 45 °C                                                                        |
| Accuracy of temperature measurement: | $\pm$ 0.5 °C                                                                           |
| Memory card slot:                    | Micro SD memory cards up to 128GB support (possible local recording) - 8 GB (included) |
| Video output:                        | —                                                                                      |
| Audio:                               | —                                                                                      |

|                                   |                                                                                                                                                                                                                             |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network interface:                | —                                                                                                                                                                                                                           |
| Main features:                    | <ul style="list-style-type: none"><li>• micro USB socket</li><li>• 2.4 " Color LCD - 320 x 240 px</li><li>• Temperature measurement : the warmest point, the coolest point, center of field of view of the camera</li></ul> |
| Power supply:                     | Li-Ion battery, 3.7 V DC                                                                                                                                                                                                    |
| Power consumption:                | ≤ 1.2 W                                                                                                                                                                                                                     |
| Estimated battery operation time: | ≤ 8 h (continuous operation)                                                                                                                                                                                                |
| Housing:                          | Plastic                                                                                                                                                                                                                     |
| Color:                            | Black                                                                                                                                                                                                                       |
| "Index of Protection":            | IP54                                                                                                                                                                                                                        |
| Operation temp:                   | -10 °C ... 50 °C                                                                                                                                                                                                            |
| Weight:                           | 0.29 kg                                                                                                                                                                                                                     |
| Dimensions:                       | 196 x 77 x 60 mm                                                                                                                                                                                                            |
| Supported languages:              | English                                                                                                                                                                                                                     |
| Manufacturer / Brand:             | Hikvision                                                                                                                                                                                                                   |
| SAP Code:                         | 308200043                                                                                                                                                                                                                   |
| Guarantee:                        | <b>3 years</b>                                                                                                                                                                                                              |