

## GT3251 Imageur thermique infrarouge



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|                                |                                             |
|--------------------------------|---------------------------------------------|
| <b>Product Code</b>            | XE-4015-001                                 |
| <b>Model</b>                   | GT3251                                      |
| <b>General Description</b>     | Infrared Thermal Imager                     |
| <b>Communications Protocol</b> | Infrared                                    |
| <b>Accuracy</b>                | 0-400°C (23°F - 752°F): +/-1.8°C (+/-3.2°F) |
| <b>Resolution</b>              | 32 x 32                                     |
| <b>Emissivity</b>              | Preset 0.95. 0.1-0.99 adjustable            |
| <b>Air Temp: Range</b>         | -20°C - 400°C (-4°F - 752°F)                |
| <b>Dimensions</b>              | 202.0 x 64.3 x 77.6mm                       |
| <b>Visible Light Camera</b>    | 2 million pixels                            |

|                             |                                                                             |
|-----------------------------|-----------------------------------------------------------------------------|
| Colour Palette              | Iron red, color, black and white                                            |
| Wavelength Range            | 8-14?m                                                                      |
| Field of View (FOV)         | 33°horizontal                                                               |
| Instantaneous Field of View | 18mrad                                                                      |
| Thermal Imaging Sensitivity | 150mk                                                                       |
| Frame Rate                  | ?9Hz                                                                        |
| Saved Image Format          | Bitmap (BMP) image                                                          |
| Display Type                | 2.4" TFT LCD                                                                |
| Display Resolution          | 320 x 240 pixels                                                            |
| Storage Card                | 8GB mini TF card (included)                                                 |
| Language                    | English, French, German, Russian, Spanish, Chinese                          |
| Automatic Shutdown          | 3 mins no operation                                                         |
| Working Temperature         | -10°C - 45°C (14°F - 113°F)                                                 |
| Weight                      | 254g (including batteries)                                                  |
| Power Consumption           | Continuous usage time of batteries: ?4hours                                 |
| Power Supply                | 3.7V/2600mAh rechargeable batteries                                         |
| Display                     | Modes: Thermal imaging, thermal mixing, digital camera, edge detection line |