

## SensoCam



SensoCam is an uncooled thermal imaging Hand-Held & Head-Mounted goggles.

SensoCam provides vivid thermal picture under harsh conditions of military operations.

SensoCam is the lightest in the market, only 660 gr. operational ready (with batteries).

SensoCam may be an upgraded option for customers currently using PVS-7 night vision goggles (based on Image-intensifiers) to thermal imaging goggles.

- Unmatched image for night operations
- Helmet mounted
- Light and compact
- Ease & Continuous operation for hours





## SensoCam Technical Data:

| EFL            |                                     | SensoCam 20  | SensoCam 80                     |
|----------------|-------------------------------------|--|---------------------------------|
| <b>Optics</b>  | Sensor (Un-cooled)                  | Micro bolometer 17μ, 640X480 resolution (12μ Optional) |                                 |
|                | Lens                                | 20mm / f#0.85  | 80mm / f#1.4                    |
|                | FOV                                 | 28.5° Horizontal X 23.1° Vertical                      | 7.3° Horizontal X 5.8° Vertical |
|                | Focusing Mechanism                  | Manual   |                                 |
|                | Focus Range                         | 1m to infinity ∞                                       |                                 |
|                | Eyepiece resolution                 | OLED 852 x 600   |                                 |
|                | Eyepiece Focus (Diopter)            | +2D ÷ -6D  |                                 |
|                | Interpupillary distance             | 55 to 71 mm  |                                 |
| <b>System</b>  | Non-Uniformity Correction (NUCLESS) | Automatic / manual                                     |                                 |
|                | Electronic Zoom                     | X2 / X4  |                                 |
|                | Control Buttons                     | On/Off, Gain, Contrast, Polarity                       |                                 |
|                | Polarity                            | Black or white hot                                     |                                 |
|                | Gain / contrast                     | Automatic / manual                                     |                                 |
|                | I/O Connector                       | Composite Video Out (NTSC or PAL),                     |                                 |
| <b>General</b> | Environmental Standards             | MIL-STD-810 & Nitrogen filled + waterproof             |                                 |
|                | Operation temp.                     | -20°C to +60°C   |                                 |
|                | Storage temp.                       | -30°C to +71°C   |                                 |
|                | Power                               | 12v (4X 3v Lithium batteries CR-123A)                  |                                 |
|                | Dimensions (mm)                     | W135 x L155 x H75                                      | W135 x L205 x H75               |
|                | Weight                              | 660 gr.  | 950 gr.                         |

