



«GOLDEN EAGLE»

COOLED THERMAL IMAGING CAMERA



 **CYCLONE**

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The cooled thermal imaging camera “Golden Eagle” means for day-night detection, recognition and observation of objects at long distances.

The advanced technology of cooled InSb FPAs is used in the thermal imaging camera “Golden Eagle”. The camera operates in MW IR range.

The zoom lens allows recognizing the objects in wide range.

FEATURES

| FPA | InSb |
|-------------------------------------|----------------------------------|
| Pixel Count (Resolution) | 640 × 512 |
| Pixel size, μm | 15 |
| Thermal Sensitivity, mK | 40 |
| Starting time @ 25°C, min | < 8 |
| Human detection range, m | 18 000 |
| Human recognition range, m | 6 000 |
| FOV | 27,5° × 22° - 1,7° × 1,4° |
| Focal length of continuous zoom, mm | 20 - 320 |
| Minimum Focus Distance, m | < 50 |
| Output signal | ГОСТ 7845-92 |
| Power Source, V | 12 |
| Operating Temperature | -40°C Δo +50°C |
| Storage Temperature | -50°C Δo +70°C |

* Recalculation of optical system is possible on request of the Customer.