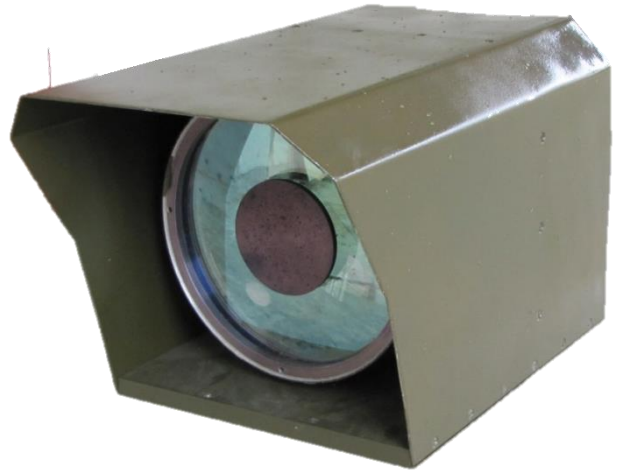




# «MERLIN»

## LOW-LIGHT LEVEL TV CAMERA



 **CYCLONE**

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Low-light level TV camera «Merlin» is meant for detection and recognition of objects as well as for surveillance and observation on long range (up to 20 km) under different lighting conditions.

The use of sensitive CCD with digital signal processing and high quality lens with large relative aperture allows “looking at the world with eyes wide open” and observing objects under very low light conditions in real time.

#### Applications:

- ✓ Stationary and mobile mounted surveillance system
- ✓ Borderline surveillance
- ✓ Control of important facilities
- ✓ Protection of public order
- ✓ Search and rescue
- ✓ Public security
- ✓ Natural resource monitoring

#### Options:

- ✓ Laser range finder
- ✓ Digital magnetic compass
- ✓ Electronic image stabilization

### FEATURES

<b>Focal plane array</b>	<b>CCD</b>
<b>Pixel Count, pixel</b>	<b>1/2", 752 × 582</b>
<b>Resolution</b>	<b>570</b>
<b>Start-up time, @ ≤0°C, s</b>	<b>&lt; 5</b>
<b>Human detection range, km</b>	<b>30</b>
<b>Human recognition range, km</b>	<b>10</b>
<b>FOV (H x V)</b>	<b>1,85° × 1,38°</b>
<b>Objective Focal Length, mm</b>	<b>200</b>
<b>Minimum Focus Distance, m</b>	<b>50</b>
<b>Output signal</b>	<b>GOST 7845-92</b>
<b>Power Source</b>	<b>12VDC</b>

Recalculation of optic system is possible upon the request of the customer