



THERMO-TELEVISION MODULE «PERIMETER-MB»

TTM «Perimeter-MB» designed for the purpose of accident prevention and safety keeping of essential (important) infrastructure objects such as airports, seaport, gas/oil produce plants. The module design has possibility to install it on mobile (vehicles) and stationary platforms (buildings, posts). The module interface enables easy integration into existing perimeter control and surveillance systems and complexes. The uncooled microbolometer thermal imager (3-5 μm) makes it possible to detect objects like car on the distance up to 6 km during day and night, bad and good weather conditions.

Applications

- Security perimeters control
- Coastal and border passive surveillance
- Surveillance monitoring of airports and seaports

Functionality

- Panoramic imaging of TV and IR channels
- Detection, identification and tracking of object in TV and IR channel (automatic and manual modes)
- Automatic scanning programmable mode



Performance characteristics

IR channel

Parameter	Characteristics
Spectral range	8 ... 14 μm
Detector type	Microbolometer
Resolution	640x512
FOV	4,3°x3,2°... 25°x19°
Detection range for Human Vehicle (car)	<ul style="list-style-type: none">■ Up to 1,5 km■ Up to 3,5 km

TV channel

Parameters	Characteristics
Spectral range	0,4 ... 0,8 μm
Detector type	CCD
Resolution	1280x960
FOV	1,7°x1,3°...33,4°x25,4°
Detection range for Human Vehicle (car)	<ul style="list-style-type: none">■ Up to 2,5 km■ Up to 5 km

Dimensions and weight

Parameters	Characteristics
Dimensions	140x211x275 mm
Weight	15 kg

