



«GRIFFIN»

DUAL BAND (LWIR/ VIS) SYSTEM



TV image



IR image



fused image



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Dual band surveillance system «Griffin» is meant for detection and recognition of objects as well as for their observation in wide spectrum range. The unique coaxial system, based on which the optic system is created, allows detecting and observing objects simultaneously in visual and IR spectrum, overlapping images and obtaining the final image with all features of high-quality thermal imaging and television images simultaneously.

The use of the advanced technology of uncooled aSi microbolometers and sensitive CCD array with digital signal processing, high-performance optics gives TV and IR images of high quality.

Applications:

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

FEATURES

	Pixel Count (Resolution)	FOV, degrees	Objective Focal Length, mm	Human recognition range, km
Griffin-132				
IR channel	640 × 480	6,2 × 4,7	132	1,5
TV channel	752 × 582	5,8 × 4,4	58	
Griffin-180				
IR channel	640 × 480	5,1 × 3,8	180	2,0
TV channel	752 × 582	5,1 × 3,8	72,8	
Griffin-225				
IR channel	640 × 480	4,0 × 3,0	225	2,5
TV channel	752 × 582	4,0 × 3,0	92,3	