MOBILE ROOF BOX SYSTEM BMS

Mobile monitoring and surveillance system BMS (Box Monitoring System) is successfully used for monitoring and surveillance of areas of interest such as boundary lines, airports, coastal areas and other areas with increased demands for flexible protection against penetration by intruders during day or/and night time.

Portable roof box system can be installed on the roof of almost any vehicle (passanger car, SUV, van), which has enough space for the installation. It can be easily dismounted and transferred to another car if needed.

Basic configuration comprises Pan/Tilt, sensor container with cooled or uncooled IR camera, daylight CCD TV camera or HD camera and operators console, power supply pack and laser range finder as optional equipment. According to selected configuration the roof box is available in all MIRA lines and SIRIUS 10 + 13 lines with a choice of several types of unstabilized Pan/Tilts.

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Specifications are subject to change without notice. Photo is for illustrative purposes only.

1/2   11/17 EN

![EVPÚ DEFENCE logo]

Monitoring and surveillance systems

TECHNICAL SPECIFICATION	MIRA 11	MIRA 25	MIRA 42	MIRA 60	SIRIUS 10	SIRIUS 13
Detection						
Man (1,8 x 0,5 m)	1 100 m	2 500 m	4 200 m	6 000 m	10 500 m	13 400 m
NATO (2,3 x 2,3 m)	3 500 m	6 200 m	10 100 m	15 000 m	17 700 m	19 200 m
Recognition						
Man (1,8 x 0,5 m)	300 m	800 m	1 300 m	2 000 m	3 300 m	5 000 m
NATO (2,3 x 2,3 m)	900 m	2 000 m	3 300 m	5 000 m	7 300 m	10 100 m
LRF Radius - option	-	6 km	6 km	10 km	20 km	20 km
PT parameters						
Motion range in azimuth	n x 360°					
Motion range in elevation	± 30°			± 25°		
Speed azimuth	0.1°/s to 60°/s		0.1°/s to 50°/s	0.03°/s to 70°/s		
Speed elevation	0.1°/s to 60°/s		0.1°/s to 50°/s	0.03°/s to 30°/s		
Repeatable position accuracy	≤ ±2.5 mrad		≤ ± 1.5 mrad	± 0.5 mrad		
Operating temp.	-40 °C to +60 °C			-32 °C to +70 °C		
Storage temp.	-40 °C to +70 °C			-40 °C to +70 °C		
Envir. protection	IP66					
Roof box weight and dimensions depens on chosen box						

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2/2 11/17 EN

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