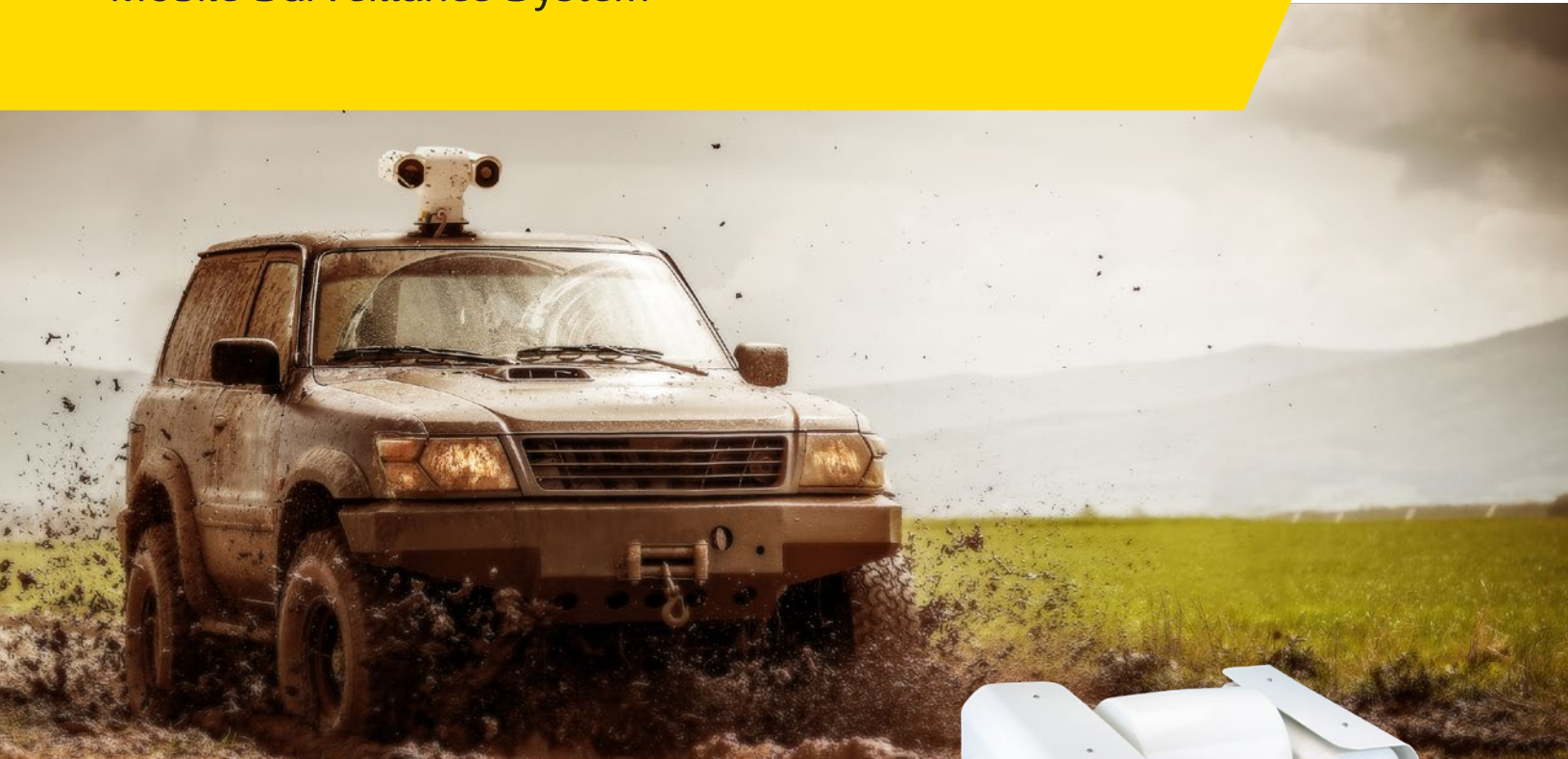


MSS

Mobile Surveillance System



Mobile Surveillance System is a compact and lightweight 24/7, thermal and visible multi-sensor observation system developed for security applications. It allows mid-range observation and detection using advanced thermal imaging and HD CMOS technology.

The Mobile Surveillance System is a fully IP-based system. The system is designed and constructed to withstand the harshest environmental conditions, including rain, direct sunlight, humidity, and dust.

Mobile Surveillance System is simple to install on any kind of vehicle. It can withstand high speeds and rough terrain, allowing you to keep an eye out for trouble even in remote and hard-to-reach outposts.

Mounted on patrol cars, the MSS can aid in law enforcement efforts, Civil Guard patrols and other security details protecting against criminal activity in urban or rural environments.

MSS

Mobile Surveillance System

Technical Data

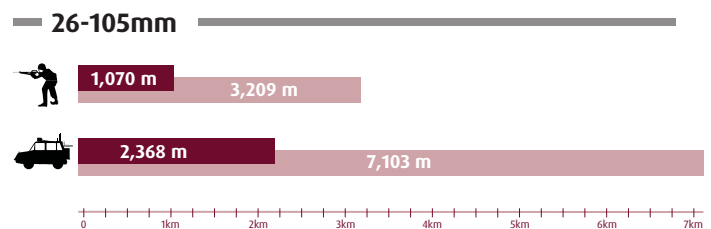
Imager type	Uncooled VOx	
Spectral band	7.5 - 14μ	
Pixel size	17μ	
Resolution	640 x 480 (VGA)	
NETD	< 35° mK @ f/1.0	
Lens type	Motorized, Continuous zoom, Autofocus	
Focal length	26-105mm	
Lens F #	1.6	
HFOV (VGA)	25.3-5.9°	
Digital zoom	x4	
Visible camera	Imager type	1/2.8" CMOS
	Resolution	1920 x 1080 FHD (2.13M pixels)
	Focal length	4.3-129mm
	HFOV	63.7-2.3°
	Lens type	Autofocus
	Digital zoom	12x
Pan-tilt positioner	Pan range	360° continuous
	Tilt range	±90°
Frame rate	25Hz	
Video type	H.264	
Communication protocols	ONVIF Profile S, GUI Interface via touch screen	
Network protocols	TCP/IP, RTSP	
Recording	7 days continuous recording	
Video stream back	Stream live video to a third-party location by using a SIM card wireless connection - the solution is based on dongle and local SIM card, customer responsibility. The performance is based on network status and the ability to operate remote desktop software	
Power input	12 - 24VDC (24VDC nominal)	
Power consumption	30W typical, 75W max	
Operating temperature	-35°C to +55°C	
Storage temperature	-40°C to +70°C	
Dimensions	393mm (l), 251mm (h), 245mm (d) - camera	
Weight	< 9.0 kg (camera), < 31.0 kg (system)	
Certifications	CE, FCC, IP66	



Main Features

- Turn-key system
- Mobile mid-range surveillance solution
- Car-top easy installation
- Suitable for urban and rural environments
- High-durability system
- 7 days continuous recording
- ONVIF profile S compliance

Range Performance



(*) Ranges were calculated according to Nyquist, with a 50% probability of success. Ideal atmospheric and scene conditions assumed.

Human (1.8m X 0.6m)
 Vehicle (2.3m X 2.3m)

Recognition (6 lines on subject)
 Detection (2 lines on subject)



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