360° Ground Surveillance Radar 20km Vehicle Detection 10km Human Military Grade Border & Perimeter

Key Specifications

MoviSight MSGSR-360-10km Ground Surveillance Radar uses the latest generation pulse-Doppler solid state technology to provide complete 360° coverage for 24/7 day night situational awareness with up to 1200km² of vehicle detection and 300km² of human detection. MSGSR-360-10km series are military-grade commercially available high-performance ground & marine surveillance radar.

All of this comes in small, rugged IP67 lightweight package, making it ideal for tower, mast, & mobile deployment.

Key Features:

›› High-performance military-grade MSGSR-360-10km (Ground Surveillance Radar)

›› 360° long-range (up to 1200km²) radar with high refresh rate

›› Ku pulse-based (HD) radar technology reduces clutter and false alarms

›› 24/7 day/night detection even in climatic weather and through light foliage and camo nets

›› Provides speed, size, bearing, and GPS position of all moving targets

›› Customized zones of interest with user-defined alerts and responses

›› Embedded high-performance analytics and target tracker

›› Slew-to-cue auto-tracking with thermal and visible EO/IR PTZ cameras

›› Detects a moving vehicle up to 20km away and people up to 10km away

›› Reduced SWaP design: less than 20kg and less than 100W

›› Rugged military grade IP67 sealed enclosure, rated for -40°~+60°C

›› Solid state radar requires no regular maintenance

›› IP digital system for operation over wired or wireless networks

›› SDK for integration with C2, VMS, PIDS & systems

Applications:

›› Force protection military compound

›› Rapid deployment man portable and mast

›› Critical infrastructure protection

›› Perimeter security and oil & gas pipelines

›› Border surveillance & homeland security

›› Wide area situational awareness & threat detection

360 Degree Situational Awareness

The MSGSR-360-10km provides 360° panoramic situational awareness and long-range target detection making is the ideal solution for covering large areas for applications

like critical infrastructure protection, border surveillance, perimeter security and mobile force protection. The MSGSR-360-10km can detect vehicles up to 20km away and

humans up 10km away, allowing a single radar to cover an area of over 300–1200km².

IP Digital format

The MSGSR-360-10km is a completely digital solution that

communicates using TCIP over RJ45 LAN or WAN

(wired or wireless) network. Easy integration and installation process with VMS VERINT Nextiva software, MoviSight AIBOX, PTZ cameras and other third party solutions.

MSGSR-360-10km

For more information please visit: www.movisight.com