



URS MANNED & UNMANNED GROUND VEHICLES (UGV's)

OPERATIONAL CONCEPT

Intelligence, Surveillance, and Non-Lethal Reconnaissance

The URS vehicle, equipped with unparalleled all-terrain capabilities, serves both manned and unmanned roles for Intelligence, Surveillance, and Non-Lethal Reconnaissance (ISNR) missions. It reaches remote locations in the roughest terrain, even penetrating inaccessible "black spots" that conventional vehicles cannot access. This dynamic platform accommodates a diverse range of ISNR equipment, including long-range, short-range, thermal, and night vision cameras. Additionally, it can be positioned remotely to function as a monitoring device, with the engine turned off. The vehicle also boasts real-time audio and video transmission capabilities, facilitating the creation of a mesh network with communication devices.

In different scenarios:

1.Operator-Driven ISNR with Remote Video Transmission: An operator drives the vehicle, utilizing its cameras to transmit video to an operations and command center.

2.Unmanned ISNR Mission: The URS UGV is autonomously operated to reach a designated location for ISNR missions.

3.Network Creation for Other Systems: The vehicle establishes a network to interconnect with other systems for collaborative operations.

The SXM URS redefines ISNR capabilities, making it possible to extend surveillance and reconnaissance to even the most challenging environments. Whether operated by personnel or autonomously, it supports seamless data transmission, real-time monitoring, and networking for enhanced mission effectiveness. OPERATIONAL CONCEPT Intelligence, Surveillance, and Non-Lethal Reconnaissance.

