



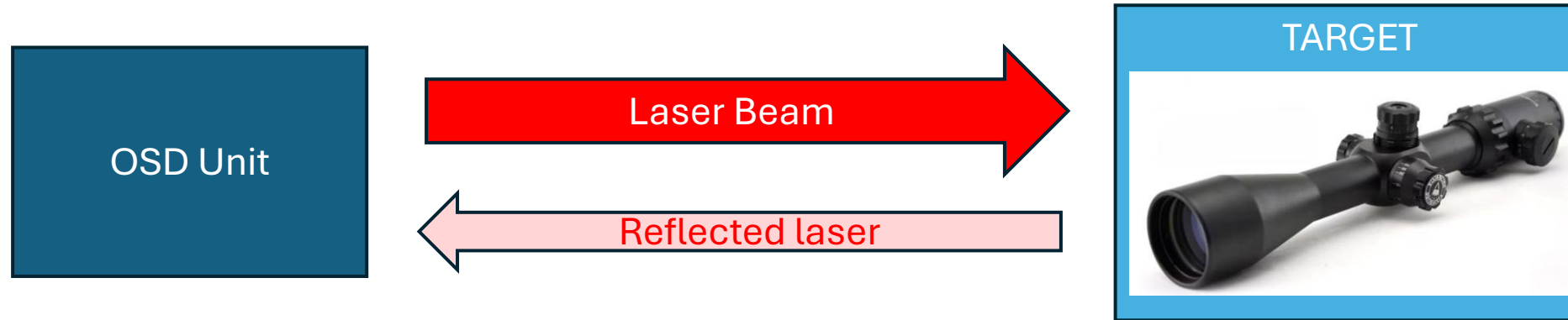
# TRANSVARO

TRV-MANUS

Portable Optical Sniper Detection System



# TRV-MANUS: PORTABLE Optical Sniper Detection System



1. Beam reflected by the internal lens structure of the target optic.
2. Reflected laser beam is collected by a special sensor.
3. Image processing algorithm determines the possible threats.
4. The user is warned if a threat detected.

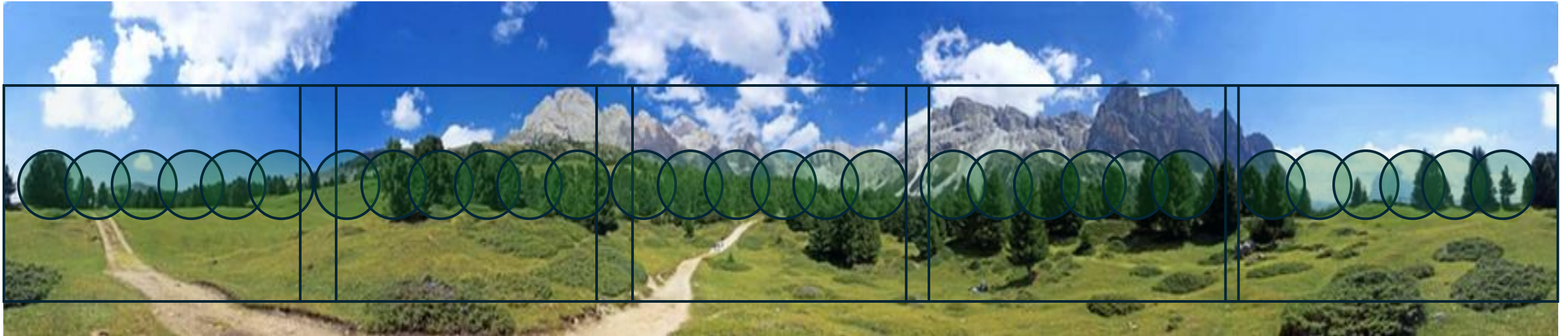
Optical Sniper Detection System can detect sniper scopes, night vision goggles and SWIR cameras

# TRV-MANUS: PORTABLE Optical Sniper Detection System





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By using pan-controlled tripod and remote-control unit

# TRV-MANUS: Portable Optical Sniper Detection System



Technical Specifications	
Laser op. Mode	Pulsed / CW
Scan Time for 3°x 3°	1.5 Sec
Scan Time for 20°x 15°	75 Sec
Detection Range	
Sniper Scope 3x12x50	1000mt
LRF Range	3000mt
GPS	Yes
Inclinometer	Yes
Digital Magnetic Compass	Yes
Green Laser	Optional

Target coordinate calculation	Yes
Remote Control	Wireless/Wired (optional)
Remote control distance	25mt (wireless) 25mt (With cable)
System components	OSD-MANUS Unit Tripod Remote Control Unit Battery Charger
Optional Power	Tripod with pan control Li-Ion Battery Pack
Weight	5kg (excluding tripod)
Environmental	MIL-STD-810F



# TRV-MANUS: Portable Optical Sniper Detection System



TRV-MANUS Optical Sniper Detection system is designed to use to protect critical area and infrastructure from the long-range sniper threats during tactical operations.

The system is composed of TRV-MANUS Unit, Tripod Unit and Remote-control Unit (Optional). TRV-MANUS Unit has an internal scanner module to widen the FOV in vertical and horizontal direction.

With that design topology, active scanning FOV is 20<sup>0</sup> Horizontal x 15<sup>0</sup> Vertical.

**OPTIONAL: Green Laser:** High Power Green laser is used for blinding the spotted sniper.

**OPTIONAL: Remote Control Unit:** To operate the unit from 25mt away shielded from gunshot.

**OPTIONAL: Tripod with pan control:** To operate the unit from 25mt away with pan control.

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