



Easy Integration on Multiple Platforms



- + Modular design
- + Digital C2 interfaces
- + API-based
- + Rugged construction
- + Plug-and-play



Falcon 4G mounted on the Airbus/Eurocopter EC 135



Falcon 4G mounted on Urovesa 4x4 PITON CBRN Reconnaissance Vehicle

Falcon 4G End-Users

Slovakia	Sweden
USA	Estonia
Ukraine	Hungary
Türkiye	Luxembourg
Poland	South Korea
Spain	Kingdom of Saudi Arabia
Brazil	

Field-proven and deployed by **10+ armed forces.**

Tested

- + TNO, The Netherlands
- + VVÚ (Military Research Institute), The Czech Republic
- + The U.S. Army Combat Capabilities Development Command Chemical Biological Center (DEVCOM), USA



+421 904 835 132

ms@sec-technologies.com



Falcon 4G mounted on FNSS PARS SCOUT 8x8 CBRN Reconnaissance Vehicle

FALCON 4G Block 2
LONG-RANGE ACTIVE STAND-OFF DETECTOR

FALCON 4G Block 2

LONG-RANGE ACTIVE STAND-OFF DETECTOR

4th generation active stand-off detector based on eye-safe and undetectable laser technology

CHEM (CWA, TIC)

- ✓ Detection
- ✓ Identification
- ✓ Quantification

- + Up to 6 km
- + Best sensitivity on the market
- + Independent of the background temperature
- + Distance to the cloud without triangulation
- + Expandable Database
- + 16+ MIL STD
- + Tested with real CWA



TECHNICAL DATA

Wavelength	9.2 – 10.78 μm
FoV	1 mRad
Weight	<35 kg
Battery operated*	30 W

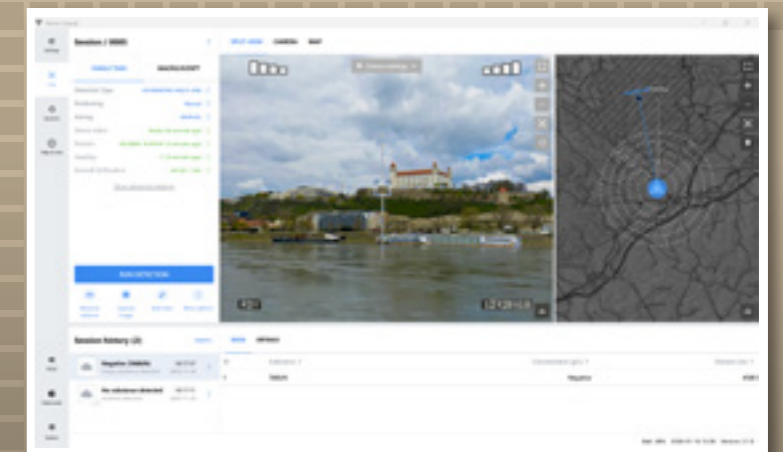
* Hot-swap capability with NATO-standard BB-2590/U battery.

No calibration needed

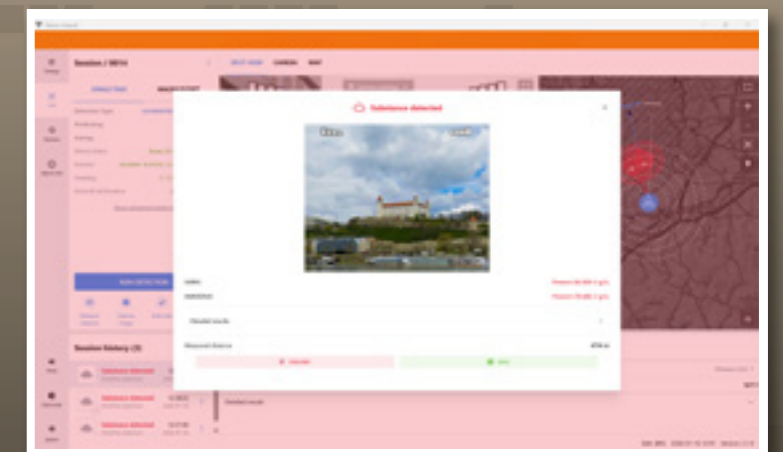
FALCON GUARD

NEW OPERATOR CONTROL SOFTWARE

- + Enhanced UX and interaction design for effortless operation
- + Compatible with external C2 and control software
- + Improved user experience available in English or your local language



Falcon Guard • Main Screen



Falcon Guard • Positive Detection Warning Screen