

HiVA-PRO

High Value Area Protection

3D

Combined Low-Air
and Surface Detection
with 3D target information



HiVA-PRO

is a compact, lightweight and easily deployable integrated advanced solution, specifically designed for critical infrastructure protection against LAND (pedestrians and vehicles), SEA (vessels) and AIR (drones).

Designed for both military and civil applications, HiVA-PRO exploits X-band radar technology for an early warning in the event of an intrusion, and threat identification and classification, through the electro-optical sensors.

With its low ownership cost and its ease of use, HiVA-PRO allows customers to secure their infrastructures from any type of incursions and in any conditions.



ADDED VALUE

- ◇ Easy deployable on both fixed (e.g. self-supporting telescopic pole) and vehicular applications
- ◇ Multi-sensor 360° protection
- ◇ Effectiveness in all scenarios and conditions
- ◇ Zero minimum detection range
- ◇ Zero minimum speed detection (**drone hovering**)
- ◇ Best-in-class sensors at an affordable price
- ◇ Rapid deployment and graceful degradation



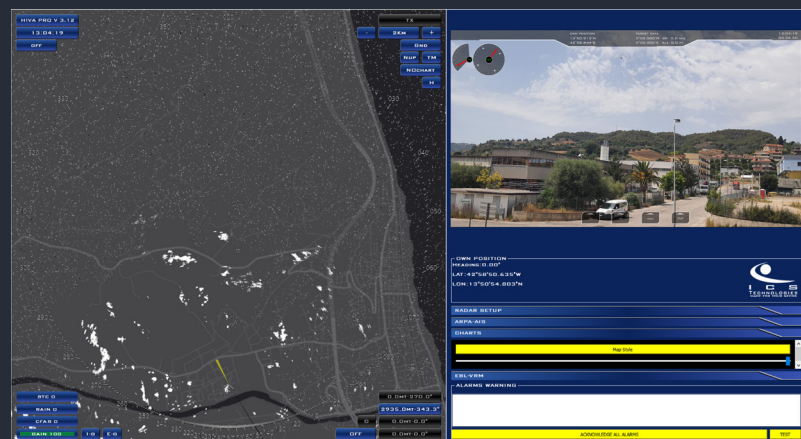
MAIN FEATURES

- ◇ Enhanced doppler processing
- ◇ Small target detection
- ◇ X-Band solid state technology
- ◇ Comprehensive, Intuitive and Ergonomic C2 software suite
- ◇ Low power consumption
- ◇ Integrated GPS

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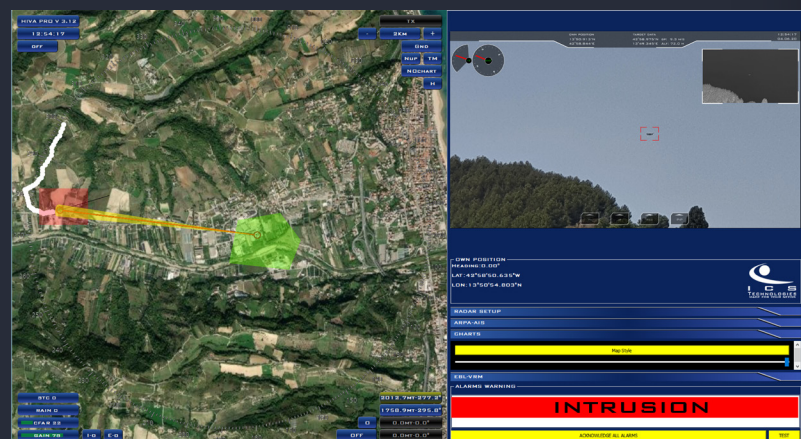
HiVA-PRO C2



Raw Radar Video



Doppler Radar Video and Track Trails



Target engagement and identification

HiVA-PRO C2 offers, among the rest these main functionalities:

- ◇ Altitude data for flying objects
- ◇ Target identification & classification
- ◇ Layered structure
- ◇ Raw or doppler radar overlay visualization
- ◇ Automatic radar tracking
- ◇ Advanced video-tracking
- ◇ Optical sensors coverage visualization
- ◇ Track trails
- ◇ User definable alarm/allowed zones
- ◇ Visual and audible intrusion alarm
- ◇ Different map styles
- ◇ Automatic slew-to-cue over intrusion
- ◇ EOD manual control
- ◇ PiP and swap picture (TV / IR)
- ◇ EOD recording
- ◇ Track data output to stakeholders

DETECTION PERFORMANCE

DRONES	Up to 2Km
WALKING MAN	Up to 5Km
VEHICLE	Up to 10Km
TRUCK	Up to 13Km
SMALL BOAT	Up to 8Km

