

ngaro 

intelligent solutions uk

SENTINEL v2.0

Ngaro Intelligent Solutions. Is the leading thermal imaging analytics developer with over fifteen years of experience on the sector. Our analytics are orientated to protect and control infrastructures, population and industrial and mechanical processes and our experience with thermography and excellent performance of our analytics, guaranties efficiency and profitability to our clients and partners.

Ngaro Sentinel V2.0

Advanced system for intrusion detection on restricted access areas

Detection Alarms included in one license:

- Intrusion
- Prowling
- Dropped / removed object
- Frontier crossing
- Stopped vehicle
- Vehicle driving against traffic
- Invasion



Industry Applications:

- Perimeter Surveillance
- Prison surveillance
- Frontier/ border control
- Critical Infrastructures
- Residential areas surveillance
- Tunnel Surveillance
- Railway & Subway surveillance



Key Differences

- Automatic **3-D radiation analysis** of objects on scene. **Beyond video analytics.**
- **Specific algorithms for thermal imaging**, not algorithms adapted from CCTV
- **Increases recognition range. Minimum target size: >1 pixels.**
 - **Saves 45-55% the number of thermal cameras** compared to other thermal analytics
 - **Saves 80-90% the number of CCTV cameras** compared to other CCTV video analytics
- Minimum **False alarm rate (2-5% rate over total alarms registered).**
 - **Discriminates objects by size, measured on mts and behaviour**
- **Alarm positioning on real UTM coordinates and on real-time. Camera triangulation NOT required, just one camera needed**
- **Certified with principal camera manufactures.** Axis, Flir, Opgal, Raytheon, Pelco, Nec, DRS. Dahua
- **Integrated with principal VMS** on the market- Milestone, Genetec, Geutebrück, Ganetec, Desico and more
- **Generic Camera Mode.** Communicates with every camera on the market, without integration required
- **Domotion.** Automatic domo/s camera positioning for video verifying
- **Configuration & performance based on meters**, not on pixels
- **Software license**

Complementary Tools

Ngaro Domotion Automatic management & positioning of dome/s camera/s for video verifying. Includes algorithms to automatically position the camera with better view and capable to establish priorities among domes to follow the target with one or several cameras simultaneously.

Ngaro® VMS allows the operator to monitor and manage the information provided by Ngaro Analytics.

ngaro® Desktop

Alarms status and operative verification module compatible with Ngaro® systems



ngaro® GIS

Module to monitor the status and operation of the surveillance system over digital cartography



ngaro® Viewer

Application for simultaneous display of thermal and CCTV video streams with OSD overlay of alarms

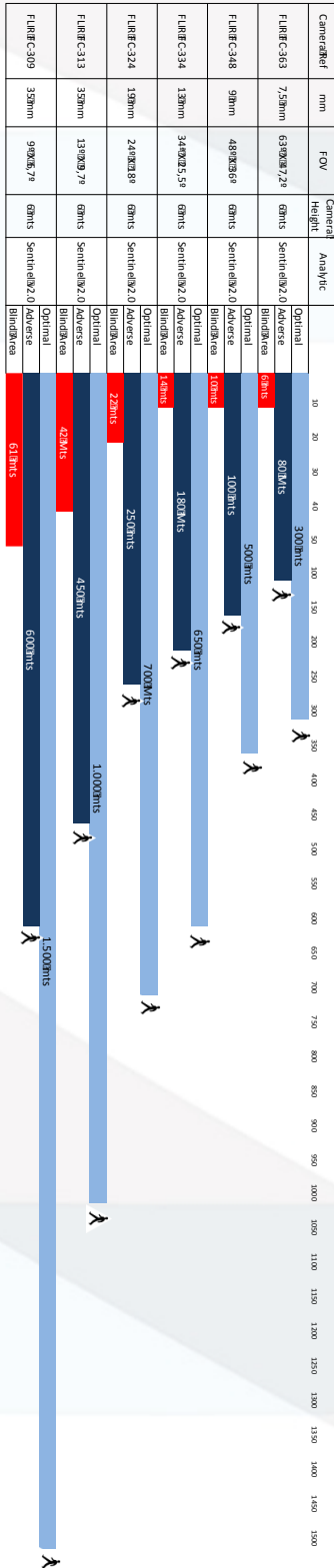


Compatible VMS





Detection Ranges FLIR FC series



*Optimal. Detections obtained on optimal surface and weather conditions.

- Outside Temperature: 11°C
- Weather Conditions: Open Night
- Time: 22hrs (Night)
- Surface: Asphalt

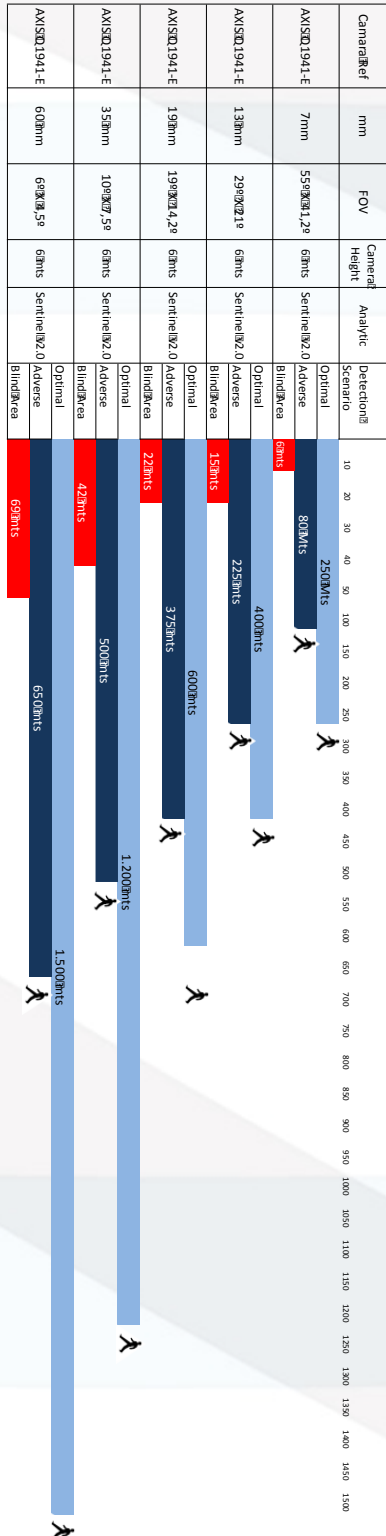
** Adverse. Detections obtained on Adverse surface and weather conditions.

- Outside Temperature: 40°C
- Weather Conditions: Sunny
- Time: 15 hrs.
- Surface: Asphalt

*** Blind Area. Understood as the area from the camera pole and the point where the camera starts detecting



Detection Ranges AXIS Q-1941 series



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