Nyxus Bird
High Resolution Thermal Imager for Mobile Operations

Europe’s leading specialist for infrared sensors and measurement technology

Excellent geometrical resolution (640 x 480) IR Pixel
Thermal resolution better than 0.08 K
High-resolution night vision thermal system
Integrated daylight channel with 7x magnification
Hardly-detectable laser range finder
GPS for exact target location, digital magnetic compass
Snapshot function for images and target data
Ruggedised body compliant to MIL-STD-810F
External video interface

1) Securing transport infrastructure
2) Investigation
3) Site protection
Nyhus Bird is a multi-purpose observation and reconnaissance device for demanding law-enforcement missions. Due to its unique combination of features and specifications it is an essential tool for observation tasks. With just one keystroke the operator can switch between a high-resolution thermal image and tack-sharp visual view. Both operation modes can utilise a precise laser range-finder which is invisible for image-intensifier based counter intelligence. Remote targets can be measured and localised via the integrated GPS and digital magnetic compass. The comfortable viewfinder and the ergonomical waterproof body allow long-term observing sessions even during bad environmental conditions. Mission documentation is possible by using the internal snapshot function. The USB interface allows easy video streaming and recording. A serial interface is available for PC based remote control. Depending on model, lenses with the aperture of f/1.0 will be used.

**Standard accessories**
- Protective padded carrying case, lithium high-capacity battery
- Multi-plug connecting cable (USB, RS232, external power supply)
- Handbook and quick reference guide

**Users and fields of application**
- Police, special forces, border guard, customs, security services
- Intelligence, investigation, site protection and surveillance
- Disaster relief organisation, SAR missions, mountain rescue