

UNCOOLED THERMAL IMAGER

- ✚ Maximum operating distance High thermal und spatial resolution Unlimited mobility Intuitive usability
- ✚ High-resolution, fast germanium lens for unsurpassed ranges. Abrasion-proof DLC coating ensures maximum protection.
- ✚ Integrated, high precision eyesafe laser range finder, distance range up to 5 km. Hardly detectable operating wavelength of 1,550 nm.
- ✚ All imaging and measuring functions can be operated easilyand fast even with gloves.
- ✚ Serial multifunctional interface for analogue video signals, both power supply and external remote control. Optional FireWire interface to PC link for recording
- ✚ Commercial, quick-charging lithium-ion battery, operating upto 6 hours.
- ✚ The standardised tripod adapter permits mounting on various tripod or pan/tilt solutions in both permanent and deployed operation.
- ✚ High-resolution binocular viewfinder of (800 x 600) IR pixels based on organic light-emitting diodes (OLED) for extensive surveillance without fatigue
- ✚ The machined lightweight housing consists of a very sturdy aluminium alloy, it provides perfect protection of the sensitive sensors and electronics.
- ✚ The uncooled Focal Plane Array used for image acquisition is able to detect minute differences in temperature of as little as 0.03 K – a merit generated by the combination of fast optics and sophisticated signal-processing hardware and software. All this is enabled by modern European microbolometer technology based on amorphous silicon

