

Pressemitteilung

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First thermal camera features superzoom lens and HD resolution High-end cameras ImageIR® 8300/9300 Z for long-range identification

Imagine one of the most sophisticated long-range thermal camera systems mated to an incredibly powerful zoom lens: InfraTec achieved this – the result are our new camera models ImageIR® 8300 Z and ImageIR® 9300 Z. State-of-the-art InSb detector technology with a resolution of (640 x 512) and (1,280 x 1,024) IR pixel offers most sensitive, high-resolution infrared imaging capacity for 24/7 operability even through fog and smoke, day and night. Frame rates of up to 100 Hz (full-frame mode) support demanding imaging, tracking and monitoring tasks. Our tailored software interface delivers outstanding clear and high-contrast image quality beyond standard thermal imagers. The 30x motorised zoom lens (focal length range: (28 ... 850) mm) achieves a human range detection beyond 15 km with a NFOV of down to 0.6°.

ImageIR® 8300/9300 Z are platform designed for a variety of ambitious imaging tasks:

- Long range border guard surveillance
- Harbor and costal protection
- Reconnaissance
- Long-range tracking and monitoring
- Environmental and animal monitoring

The very compact dimensions of the fully integrated camera design also allow installations into stabilised airborne platforms and ground-vehicle solutions. Further upgrades include:

- Integrated long-range laser rangefinder for measurements beyond 10 km
- High-powered optical zoom lenses with HD video camera
- Ruggedized pan-tilt head for exact positioning and tracking

Information: 1,555 characters (incl. spaces)

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