



Product Information For The Trade Press

Larger Eyes See More

New optics for the uncooled thermal imager from Carl Zeiss Optronics

The German optics company has equipped its UCM uncooled thermal imaging camera with larger optics. The new UCM 100 now has a free diameter of 100 mm. The optics feature very fast lenses which considerably reduce image noise from the camera. "The powerful optics enable recognition of a person up to a range of 1500 meters," says Dr. Schwarzkopf, who is responsible for uncooled thermal imagers. Because the highly sensitive detector on the UCM does not require cooling, the device is immediately ready for use, quiet and very light.

This new system further expands the company's line of uncooled thermal imaging cameras with varying ranges for security, surveillance, reconnaissance and target acquisition. The compact and robust design enables flexible use of the device. The UCM 100 is suitable as an autonomous or remotely controlled camera, as a separate or integrated module in multisensor platforms, and in weapons and artillery systems. The United Arab Emirates are currently testing the new thermal imager for a specific application profile under extreme conditions.

Carl Zeiss Optronics is the Defence and Security branch of Carl Zeiss AG. It offers optical and optronical equipment for all military applications, such as intelligence, surveillance & reconnaissance, command & control as well as force protection.

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