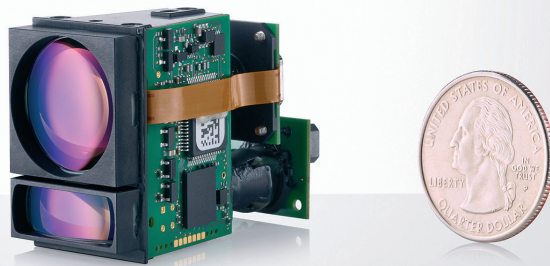




1.5 μm Diode Laser Rangefinder DLEM 20

Eye-safe, high precision rangefinder for system integration



Powerful, accurate, and reliable

The DLEM 20 diode laser rangefinder module measures distances to non-cooperative targets up to 5 kilometers with sub-meter accuracy. Due to its extremely compact design, DLEM 20 is the smallest and most lightweight range finder in its class.

DLEM 20 can measure very low to very high reflecting targets without degradation of accuracy. It is optimized for low power consumption and operation at elevated temperatures. Single measurements can be performed as well as continuous target tracking with up to 25 Hz.

DLEM 20 operates at 1.5 μm wavelength and is an eye-safe class 1 laser device. The emitted wavelength is invisible to the human eye and to detectors based on I² night vision technology, making DLEM 20 ideal for tactical use.

Compact, robust, and easy to integrate

The compact design and different mounting options enable easy integration into various volume-restricted or handheld systems. Its wide operational temperature range and rugged design recommends DLEM 20 for weapon mounted equipment. The single power and two-wire communication interface that is identical for the entire DLEM family makes upgrading to another DLEM model easy and saves integration efforts.

Benefits

- Compact: extremely small and lightweight
- Energy-efficient: very low power consumption
- Fast & precise: tracking up to 25 Hz @ 0.5 m accuracy
- Reliable and designed for very high MTBF
- Eye-safe: Laser class 1; NOHD = 0 m

