

What is an optical sight and rangefinding module





Overview

An optical rangefinder is a device that uses light or laser beams to measure distances. Our OEM laser rangefinder modules offer system integrators a powerful and adaptable solution for embedding Newcon Optik technology into UAVs, weapons systems, fire-control platforms, electro-optical payloads, and custom applications. This is why Ultisense sensors are used in military and civilian applications where high performance and utmost reliability in the most challenging environments make the difference.



What is an optical sight and rangefinding module

Best Laser Range Finding Scopes: Thermal, Digital

I tested the best laser range finding scopes of 2026. Find out why the Burris Eliminator 4-16×50 is my top pick!

[Read More](#)

Laser rangefinder built with APDs and PLDs

LASER RANGEFINDER The market for laser rangefinders is growing continuously. Developed for high-end applications in the military and industry, laser sensors are more affordable

[Read More](#)



Laser Rangefinders - Newcon Optik

Newcon Optik is a global leader in advanced laser ranging technology. Our ruggedized systems--spanning hand-held units, artillery support solutions, weapon-mountable rangefinders,

[Read More](#)

Laser Range Finding LRF-Modules , Ultisense OEM Solutions

The laser rangefinder modules LRF 6019, LRF 6042 and LRF 7047 are equipped with a 1550 nm laser for distance measurement and with an optional 830 nm laser pointer. The pointer is built directly into

[Read More](#)

QRF-4500(TM)

The ranging module operates at a highly efficient MIL-SPEC 1550nm wavelength, ensuring accurate measurements in any situation. Its compact size

[Read More](#)



How Does an Optical Rangefinder Work? Basics Explained

These optical instruments are popular among golfers. Read more to know the basics and how does an optical rangefinder work!

[Read More](#)

Lumispot Launches 5km Erbium Glass Rangefinding Module: A New

I. Industry Milestone: 5km Rangefinding Module Fills Market Gap Lumispot has officially launched its latest innovation, the LSP-LRS-0510F erbium glass rangefinding module, which boasts a remarkable

[Read More](#)



laser Rangefinder Modules - Newcon Optik

The module can be effectively used in marine navigation, long-range reconnaissance, naval and coast guard patrol, and other professional applications requiring highly accurate, long distance

[Read More](#)

LRF (Laser Range Finder) , Infiniti Electro-Optics

What is an LRF (Laser Rangefinder) and what is its purpose? An LRF or Laser Rangefinder is a device used to measure precise distances. Most laser

[Read More](#)

Thermal Scopes with LRF (Built-In Laser Rangefinders)

Discover the ultimate in distance measurement precision using Thermal Scopes With LRF - the perfect companion for hunters and Ballistic Calculators.

[Read More](#)



Exploring Optical Sights: Types and Practical Applications

Optical sights, those ingenious devices that enhance accuracy and precision in various shooting and observation activities, have become indispensable tools for

[Read More](#)

Element Optics Rangefinder Module with Ballistics

Description The Element Optics Rangefinder Module with Ballistics takes laser rangefinding to the next level by mounting directly onto your firearm and syncing

[Read More](#)

How To Use A Range Finding Scope?

A range-finding scope is an optical device that integrates range estimation with a rifle



scope. Unlike traditional scopes, it comes equipped with

[Read More](#)

LaserWorks Laser Rangefinder Modules

These modules find applications in various fields such as surveying, construction, robotics, military, and even in consumer electronics like cameras and smartphones.

[Read More](#)

Laser Rangefinder Rifle Scopes Wholesale Manufacturer

Among the scope brands served by FORESEEN OPTICS, there has long been feedback expressing a desire for a new product that integrates a rifle scope and rangefinder into one unit to meet the needs

[Read More](#)



Optical Sights Selection Guide: Types, Features, Applications

Optical sights are optical lens assemblies used for aiming a gun. There are several basic types of products. Categories include telescopic sights, visible sights, and infrared sights. Telescopic sights or

[Read More](#)

How Does a Rangefinder Work: All Types Covered

Wondering how does a rangefinder work? We explained the functioning of laser, optical, sonar, radar & lidar technologies for hunting, golf,

[Read More](#)

Oracle 2 Rangefinding Bow Sight

New and Improved Burris Optics is proud to introduce the new and improved Oracle 2 Rangefinding Bow Sight. The Oracle 2's design is based on all the customer



Development of Optical Rangefinders

There are two basic types of optical rangefinders: coincidence and stereoscopic. Mechanically, there is little difference in operation between the two design concepts. Barr & Stroud favored coincidence

[Read More](#)

Laser rangefinder

A long-range laser rangefinder is capable of measuring distance up to 20 km; mounted on a tripod with an angular mount. The resulting system also provides azimuth and elevation measurements. A laser

[Read More](#)



LaserWorks Laser Rangefinder Modules

LaserWorks Laser Rangefinder Modules Laser rangefinder modules are devices used to measure the distance between the module and a target object by using laser technology. These modules find

[Read More](#)

How Does Rangefinder Work: All Types Considered

It works by using the principle of parallax--some form of triangulation. Also, the optical rangefinder features two lenses at opposite ends. These lenses

[Read More](#)

Next-Generation Rangefinding Technology - Henrich Technology

The integration of a mini laser rangefinding module into each scope and sight represents one of the most significant technological breakthroughs in the optics industry. Since initiating R& D in



How Do Rangefinders Work - Know The Basic Science

In simple terms, an optical rangefinder is a device that makes use of visual and automated standard systems to aid the distinct separation of a target object by an

[Read More](#)

How Does an Optical Rangefinder Work? Basics Explained

Optical rangefinders are devices used to measure the accurate distance between two points. They use light or laser beams to detect objects and

[Read More](#)

How Does a Rangefinder Work? Complete Guide (2026)



At its core, every rangefinder shares a common goal: determine the distance between the device and a target object. The methods achieving this vary

[Read More](#)

Contact Us

For datasheets, pricing, or custom data center infrastructure solutions, please visit:
<https://zeldaterblanchephotography.co.za>