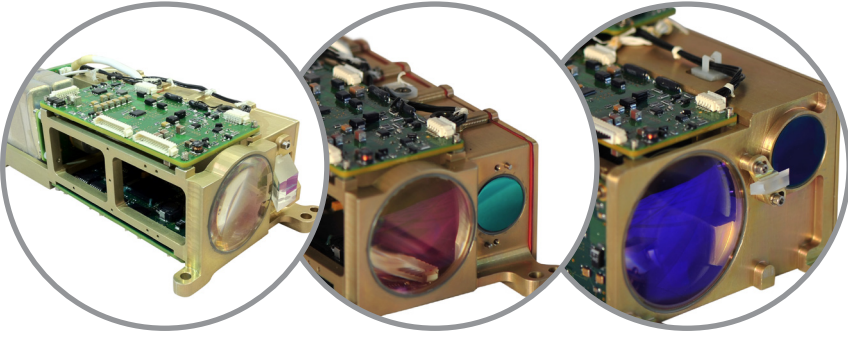


GZM

EYE SAFE LASER RANGE
FINDER MODULES

EYESAFE OPERATION
LIGHTWEIGHT AND COMPACT DESIGN
HIGH RANGING PERFORMANCE





GZM

EYE SAFE LASER RANGE FINDER MODULES

Applications

- Surveillance Systems
- Targeting Systems
- Electro-Optical Weapon systems
- Multi Sensor Systems

Main Features

- Computer Controlled
- First/Last Reflection Selection
- Adjustable Target Masking
- Up to 5 Target Measurement

Environmental Conditions

- Operating Temperature : -32°C to +52°C
- Storage Temperature : -40°C to +70°C
- Environmental Spec : MIL-STD-810G

Technical Specifications

	GZM-01-M	GZM-02-M	GZM-04-M	MRLR-M
Laser Type	Er: Glass	Er: Glass	Er: Glass	Diode Pumped Er: Glass
Wavelength	1.54 µm	1.54 µm	1.54 µm	1.54 µm
Pulse Energy	> 5 mJ	> 5 mJ	> 5 mJ	> 1.5 mJ
Repetition Rate	30 ppm	30 ppm	30 ppm	3 Hz-Continuous
Range	100m – 20.000m	100m – 20.000m	100m – 20.000m	100m – 20.000m
Range Resolution/ Accuracy	2.5m / ±5 m	2.5m / ±5 m	2.5m / ±5 m	2.5m / ±5 m
Divergence	< 1 mrad	< 1 mrad	< 1 mrad	< 1 mrad
Detector Type	PIN	PIN	APD	APD
Detector FOV	< 2 mrad	< 2 mrad	< 2.2 mrad	< 2.2 mrad
Power Interface	16-32 VDC	12-24 VDC	12-32 VDC	12-32 VDC
Communication Interface	RS-422 / RS-232	RS-422 / RS-232	RS-422 / RS-232	RS-422 / RS-232
Weight	< 0.65 kg	< 0.6 kg	< 0.6 kg	< 0.65 kg
Eye Safety Class	Class 1, ANSI-Z136.2000	Class 1, ANSI-Z136.2000	Class 1, ANSI-Z136.2000	Class 1, ANSI-Z136.2000