



**DMM-
1025 / -1M**

DMM-1016



LASER RANGE FINDER FOR DEFENSE AND SECURITY APPLICATIONS

- Observation and surveillance
- Target localization
- Drones and UAV

ASKION DMM - 905 NM LRF-SERIES

- Outstanding technical characteristics at excellent Price-Performance Ratio
- Customizable to your system requirements
- Ultracompact and ultralight
- Multiple target detection



ESSENTIAL STANDARD-PARAMETERS

Parameter	DMM-1016	DMM-1025	DMM-1025-1M		
Wavelength	905 nm				
Laser Class (IEC 60825-1)¹⁾	1	1	1M		
Range^{2) 3)}	20 - 1,500 m	20 - 2,500 m	20 - 3,000 m		
Standard Target Range	700 m				
Measurement Frequency⁴⁾	0.1 - 10 Hz				
Resolution	0.1 m				
Accuracy	+/- 0.5 m				
Divergence	1.4 x 0.4 mrad				
Size	19 x 28 x 49.5 mm ³	28 x 39 x 49.5 mm ³			
Weight	< 35 g	< 60 g			
Operating Temperature	-35 - 65 °C	-32 - 55 °C			
Storage Temperature	-45 - 80 °C				
Shock resistance	1,500 g				
Supply Voltage	1.9 - 5.2 V				
Interface⁵⁾	UART with ASCII or Binary protocol				
Power consumption (during Measurement)	< 1.5 W				
Power consumption (Standby)	< 40 mW				

- 1) Laser class 1M or 3R also available for customer specific solutions
- 2) Short-Range mode starting at 1m available off the shelf
- 3) Long range version with increased range up to 5 km available for DMM-1025-1M
- 4) Higher frequencies available for customer specific solutions
- 5) Implementation of customer specific UART protocols on request

Your customer-specific DMM

Based on our extensive experience in OEM projects, we understand that customer requirements often go beyond our standard specifications. Common modifications include increasing measurement rates for faster data acquisition, implementing a different laser class to achieve extended measurement ranges, or integrating customized communication protocols to meet specific system needs. We are fully committed to tailoring our solutions to your unique application. If you have particular requirements or need adjustments to develop a customer-specific DMM, please don't hesitate contacting us. Our team is ready to collaborate with you to implement the best possible solution.

Accessories

To simplify the evaluation of our DMMs with your PC, we are providing a USB cable designed for easy and direct connectivity. This allows you to quickly get started without any additional hardware setup. With a standard terminal program, such as PuTTY or similar, you can start evaluation your DMM right away. Additionally, for more flexible integration into your specific setup, we can provide DMM adapter cables with flying leads upon request.