



# Advancing Your Optical Objectives with Field-Proven Meridian® Target Projectors

Ultrareliable | 99%+ Operational Uptime | 2,500+ Meridian target projectors shipped worldwide to date

When Optikos designed its first Meridian target projector line, it all started with a high-volume manufacturing order where the client wanted to focus on peak optical precision and stability for their products. Our company, known for the OpTest® and LensCheck™ families which are the market gold standard for assessing image quality, had the chance to capitalize on historically top-notch delivered metrology. That is how Optikos engineers developed a growing, next-generation target projector suite – the Meridian line.

Since then, Optikos Meridian target projectors have set the benchmark for stable, repeatable camera-module alignment and image-quality testing for nearly a decade. With thousands of units in operation worldwide, from production floors to prestigious research and development (R&D) labs, the Meridian product line delivers the confidence you need to keep critical vision systems on spec and on schedule.

## The Meridian performance, in a nutshell:

Followed metric	Value***
<b>Total Meridian projectors shipped</b>	<b>2,537</b>
• Modern STP & FTP* (2016 – 2025)	682
• Legacy Constellation™ series	1,855
Serviced units	14 – 18**
Calculated field service rate	0.5 – 0.7 %
Fleet uptime	> 99.3 %

\* STP is for Static Target Projector, while FTP is for Focusing Target Projector.

\*\* Inclusive of all classifications since program inception.

\*\*\* The measured values have been aggregated between 2010 and 2025.

**Meridian products support inline measurements for: Modulation Transfer Function (MTF), Veiling Glare Index (VGI), Glare Spread Function (GSF), etc.**

## Where you will find Optikos Meridian Target Projectors:

### Consumer Electronics:

- Dual-use selfie/rear for smart phones, tablets
- AR headsets
- Warehouse automation

### Automotive ADAS Systems for:

- Lane-keeping
- Emergency braking
- Driver monitoring
- Nighttime imaging

## What makes the Meridian Target Projectors perform above their weight class: the under 1% failure rate.

This reliability level, exceptional in the optics sector, positions the target projection equipment as highly dependable for critical optical testing applications where precision and uptime are essential.

Integrating the Meridian Target Projectors into your projects means:

- **More Predictable Throughput:** Fewer unplanned stoppages that will keep high-volume production lines on target.
- **A Lower Cost of Ownership:** Minimal service interventions and parts consumption translate into measurable OPEX savings.
- **Rapid Payback:** Stable operation accelerates ROI by maximizing daily utilization hours.

## Our guarantee for continuous improvement and lifetime support.

We stand by the reliability of our engineers' work through the responsive feedback flow set in place at Optikos. Our ISO:9001 certified quality management system captures every servicing event and feeds a closed-loop design process, so that each new projector generation is even more robust than the last.

Our global service team is also here to provide seamless, consistent support by offering: - 48-hour advance-replacement options - Remote troubleshooting and calibration verification - Optional on-site preventive-maintenance programs.

## How can we shape your project's path to success?

Whether you are scaling a new consumer-electronics assembly line or qualifying an automotive ADAS camera, Meridian target projectors give you the proven stability backed by 40+ years of optical metrology leadership. No matter how simple or complex your optical project is, our Optical Engineering Experts are up for the job through our dedicated target projector line.

**Contact Optikos today** to learn how the Meridian suite can safeguard your image-quality metrics—shift after shift, tailored to your exact needs.