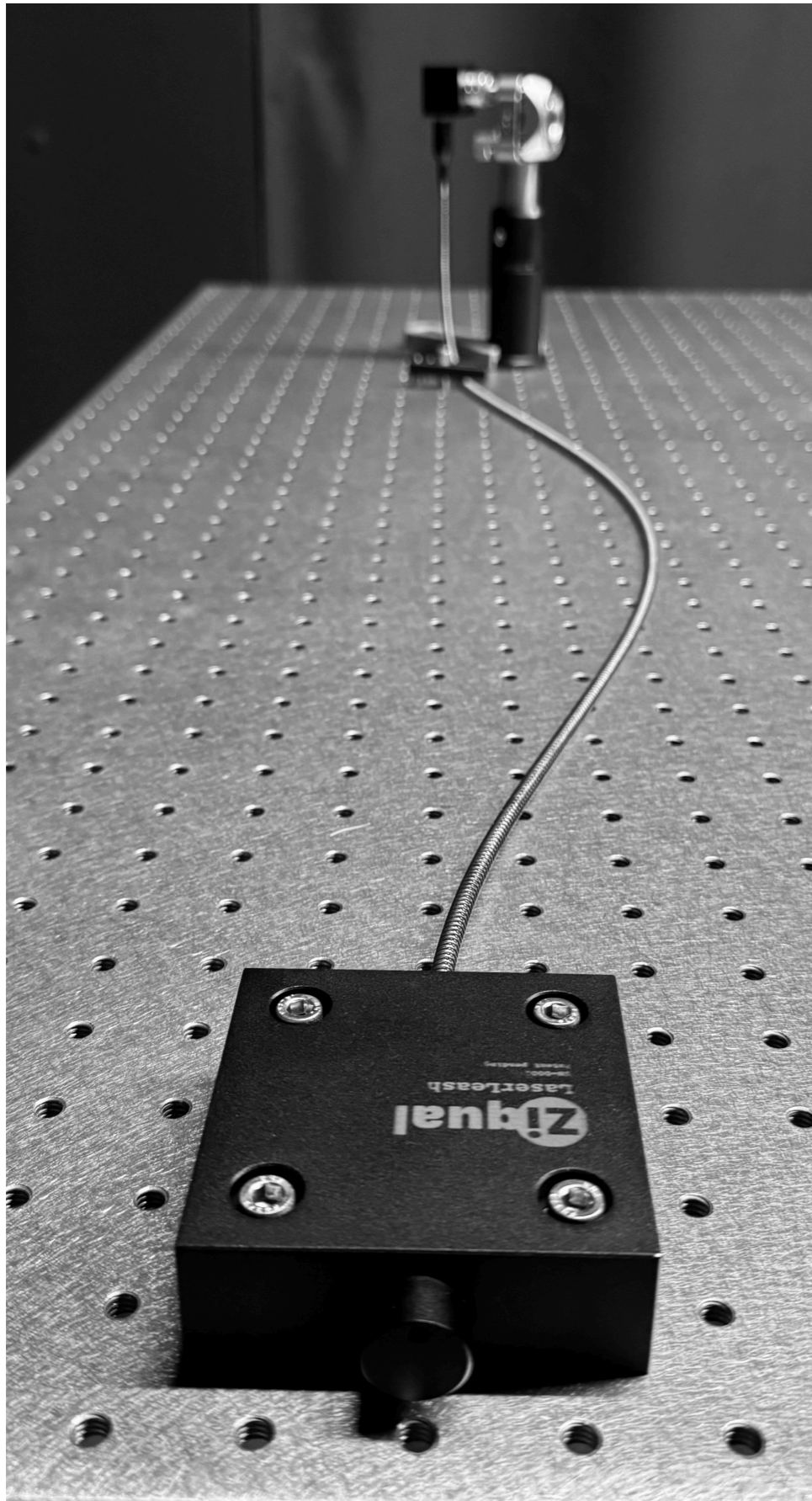




What is LaserLeash & How can it Help?



For more information or demo,
please email contact@ziqua.com



Overview

LaserLeash is a patent-pending mechanical remote control for optical systems.

Whether you are working with optical tables, open beams, or integrated systems, LaserLeash significantly simplifies your setup and reduces costs.

LaserLeash is compatible with a wide variety of optomechanical components, including mirror mounts, translation stages, micrometers, and more.

Simply drop it into your setup so you don't need to re-align.

Optical table setups

Here are some of the benefits that LaserLeash can deliver for you!

- No more accidental exposure to dangerous lasers
- No more bumping optics while aligning
- No more hurting your back leaning over the table
- Simply drop in. No re-alignment needed
- Self-locking mechanism





Integrated systems

Reduce cost and complexity using the LaserLeash technology

- Actuators are moved away from compact optics
- Can be placed in extreme environments that are hostile to electronics

Specifications

Metric	Value	Comment
Flexible cable length	1 m	Other lengths available upon request with no added cost*
Maximum torque	400 mN.m	
Absolute minimum radius of curvature	5 cm	
Recommended minimum radius of curvature	15 cm	
Gear ratio	10:1	
Backlash	±0.5°	
Diameter of the shaft coupler	17 mm	Custom couplers are available upon request.

Email contact@ziqua.com for more information

*1.5 m, 2m, and 3m cables are available with no extra charge. Custom length is also available. Please email contact@ziqua.com for further information