



Alpha Surveying

Alpha Li

Alpha Li Auto Level

1.0mm Accuracy | 34x | Full-metal housing



Alpha Li Auto Level

Alpha Li automatic industrial level is designed by senior engineers and optical experts, whose advantages include excellent protection performance and bright vision, which enable engineering workers to work comfortably in any environment and complex sites .



1.0mm Accuracy



34x



Solid Design



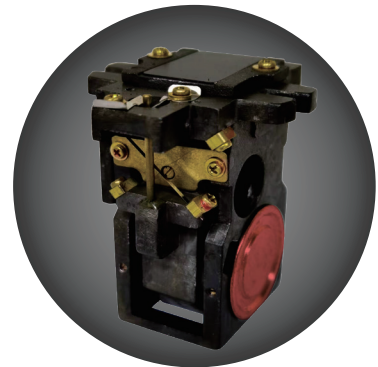
Leveled In 1.5s



IP66

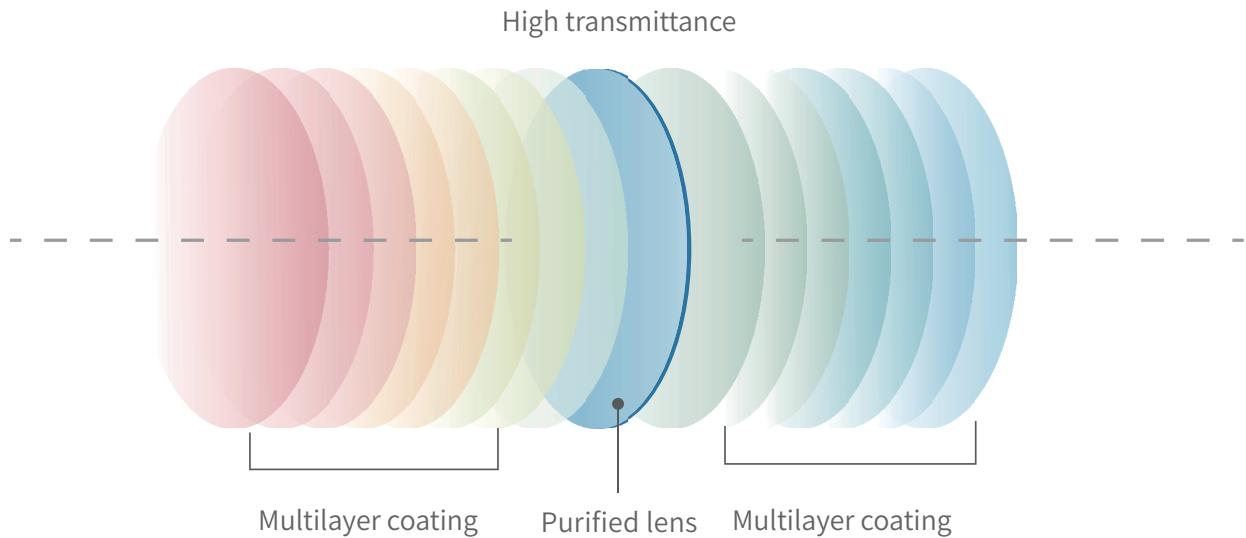
Double Damping Compensator

Alpha Li is used in conjunction with air and magnetic dampening compensator that is hung up at the level with X-shape hang wire made of rare materials. This helps maintain the stress on the level, keeping it from the influence of the magnetic field, and thus ensures reliable measurement and fast compensation. The whole compensation system can achieve 0.3 -second accuracy and can be leveled within 1.5 seconds.



Advanced Optical System

The Objective aperture of Alpha Li is 40mm and is in full closure. Nano multi-layer coated lens with oxidized black telescope tube allows light to be seen clearly and read accurately, offering 34 times magnification which makes work easier either in the dawn or in the evening, in strong light or in the shadow of the target .



Clearly engraved cross hairs

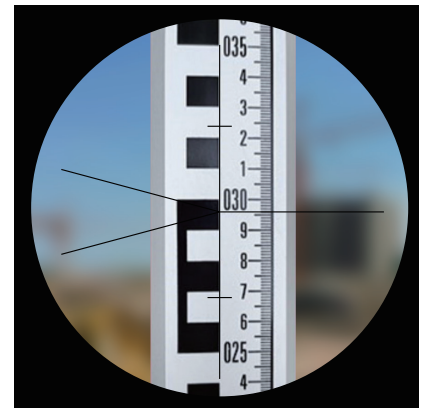
Medium wire for regular readings

Wedge wire for invar rods reading

Upper and lower filaments for distance readings

Infinite microscrew

Easy reading by means of infinite microscrews on both sides.



Solid And Reliable

Alpha Li adopts an all-metal body and all-sealed inner bin, which makes it IP66 waterproof. Copper-based self-lubricating shafting and Integrated coarse sighter, it is guarantee Li level precision and quality. Up to 6 quality inspections, from components to the quality of the whole machine, escort all the way.



Professional Set



Li	X1
Tool	X2
Manual	X1
Warranty Card	X1
Certificate	X1
Objective cap	X1

Technical Specification

Standard Deviation for 1km Double-run levelling	1.0mm
Telescope image	Erect
Magnification	34X
Clear Objective Aperture	40mm
Field of View	1°20'
Shortest Focusing Distance	0.5m
Stadia Multiplying Constant	100
Stadia Additive Constant	0
Sensitivity of Circular Level	8'/2mm
Graduation Interval of Circle	1°
Compensator type	X-shaped wire suspension magnetic damping
Working Range	$\geq \pm 15'$
Setting Accuracy	$\pm 0.3''$
Dimensions	206×135×150mm
Weight	1.85kg
Connecting size to tripod	M16or5/8"

*¹Will support by upgrading firmware soon

*²The above technical parameters are for your reference. The company reserves the right to change the design and planning of the product based on the actual product.

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