

DIGITAL LEVEL

RL series

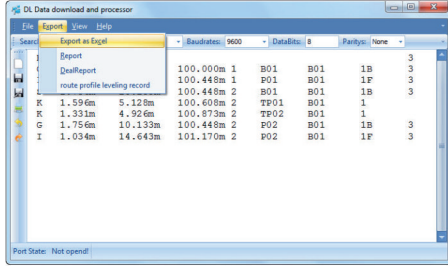


- MINIMIZE HUMAN ERRORS, NO MORE MISREADING
- AVERAGING MODE FOR MORE ACCURATE RESULTS
- SHORTEN THE MEASURING TIME BY A HALF
- ABUNDANT SURVEYING SOFTWARE SUPPORT, AUTOMATIC ERROR COMPENSATION
- INTERNAL STORAGE OR SD CARD MEMORY OPTIONAL, PAPERLESS WORKING

Key Features

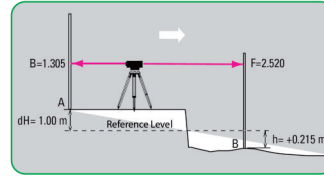


Extend the memory with a micro SD card, plus the mini-USB, making the data storage and transfer most suitable for work.

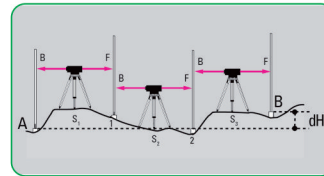


With RUIDE RL series, data can be downloaded to your computer via USB interface. It enables a smooth data transfer to Microsoft Excel.

Onboard software facilitate your job



This function calculates the height difference between points. Enter your benchmark, measure your backsight and then your various targets (foresights).



Enter your starting benchmark, measure your backsights, intermediate sights and foresights until you have reached your final point.

Specification

	RL-07	RL15	
Height accuracy (standard deviation for 1km double run leveling)	Digital reading	0.7mm	1.5mm
	Optic reading		2.0mm
Distance accuracy	Digital reading	$D \leq 10m: 10mm; D > 10m: D * 0.001$	
Distance range	Digital reading	1.8m~105.0m	
Minimum display	Height	0.01mm/0.1mm	1mm/0.1mm
	Distance	0.1cm/1cm	
Measuring time		<3 second	
Telescope	Magnification	32×	
	Resolving power	3"	
	Field of view	1° 20'	
	Multi-constant	100	
	Add-constant	0	
Compensator	Type	magnetic-damped	
	Range	±12'	
	Accuracy	0.30" /1'	0.50" /1'
Data storage	Storage	16MB	
	Point name	Increasing/decreasing/ user-define	increasing
	Connection	mini-USB/micro SD card	mini-USB
Circular vial accuracy		8'/2mm	
Auto power off		5 minutes OFF	
Horizontal circle	Graduation	1°	
Display		LCD display of 160*64 dpi with illumination	LCD display of 128*32 dpi with illumination
Water & Dust Proof		IP54	
Working temperature		-20°C ~ 50°C	
Dimension		230mm(L) × 150mm(W) × 210mm(H)	
Weight		2.5kg	