

SingularXYZ Levels Comparison Table

Models	DL07 	DL15 	AL15 
HEIGHT ACCURACY (1 KM DOUBLE)			
Digital Reading	0.7mm	1.5mm	/
Optical Reading	1.5mm	1.5mm	1.5mm
TELESCOPE			
Image	Erect	Erect	Erect
Magnification	32x	32x	32x
Field Of View	1°30'	1°30'	1°30'
Multiplication	100	100	100
Additive Constant	0	0	0
COMPENSATOR			
Compensator Type	Magnetic-damped	Magnetic-damped	Magnetic-damped
Working Range	±12'	±12'	±12'
Accuracy	0.3"/1'	0.5"/1'	±0.4"
DISPLAY			
Display	160*64dpi LCD	128*32dpi LCD	/
Illumination	LCD with illumination	LCD with illumination	/
DATA STORAGE			
Storage	20000 points	16 MB	/
Point Name	Increasing/Decreasing	Increasing	/
Connection	USB	USB	/
External Storage	MicroSD card	/	/
CIRCULAR VIAL HORIZONTAL CIRCLE			
Accuracy	8'/2mm	8'/2mm	8'/2mm
HORIZONTAL CIRCLE			
Graduation Value	1°/1gon	1°/1gon	1°/1gon
BATTERY			
Operating Time	16 hours	16 hours	/
Automatic Power Off	5 min off	5 min off	/
PHYSICAL & ENVIRONMENTAL			
Dimension	230mm × 150mm × 210mm	230mm × 150mm × 210mm	213 mm × 132 mm × 130 mm
Weight	2.5kg	2.5kg	1.9 kg
Working Temperature	-20°C ~ +50°C	-20°C ~ +50°C	-20°C ~ +50°C
Waterproof & Dustproof	IP54	IP54	IP67