

NL/DSZ SERIES AUTO LEVEL

NL series Auto Level

- Enhanced magnetic/air damping compensator
- Excellent shockproof function with patent
- Practical dustproof & waterproof capability
- High cost performance yet durable

DSZ series Auto Level

- Ultra clear lens for long range observation
- Newly developed magnetic damping compensator
- Reliable performance in extreme temperature
- Excellent shockproof test performance
- Top dustproof and waterproof capability IP65





NL G Style
 • Magnification options available
 20X 24X 28X 32X



NL-A32
 • Worldwide-proven magnetic damping compensator



DSZ3
 • Top dustproof and waterproof capability IP65



NL-C32
 • Patented air damping compensator



DSZ2
 • Standard 1 km deviation 0.5mm with micrometer
 • Top dustproof and waterproof capability IP65
 • Ultra clear lens for long range observation



NL-Z32
 • Standard 1km deviation 0.5mm with micrometer
 • Worldwide-proven magnetic damping compensator
 • Ultra clear lens for long range observation

Specification

Model	NL20 G Style	NL24 G Style	NL28 G Style	NL32 G Style	NL-C32	NL-A32	NL-Z32	DSZ2	DSZ3
Magnification	20X	24X	28X	32X	32X	32X	32X	32X	28X
Effective objective aperture	34mm	36mm	36mm	38mm	40mm	40mm	45mm	45mm	40mm
Image	Erect				Erect			Erect	
Reticle	Cross reticle				Cross reticle			Cross reticle	
Field of View	1°20' (2.3m/100m)				1°20' (2.3m/100m)			1°30' (2.6m/100m)	
Minimum focus distance	0.3m				0.3m			0.6m	
Multiplication constant	100				100			100	
Additive constant	0				0			0	
Compensator Type	Magnetic damping				Air damping	Magnetic damping		Magnetic damping	
Compensator range	±15'				±15'			±15'	
Compensator setting time	<2s	<2s	<2s	<2s	<3s	<1s	<1s	<1s	<1s
Compensator setting accuracy	±0.6"	±0.6"	±0.6"	±0.6"	±0.3"	±0.3"	±0.3"	±0.3"	±0.4"
Standard 1 km deviation	2.5mm	2.0mm	1.5mm	1mm	1mm	1mm	1mm	1mm	1.5mm
Sensitivity of bubble	8' /2mm				8' /2mm			8' /2mm	
Circle graduation	360° or 400 gon (minimum 1° or 1 gon)				360° or 400 gon (minimum 1° or 1 gon)			360° or 400 gon (minimum 1° or 1 gon)	
Dustproof & waterproof	IP54				IP54			IP65	
Working temperature	-20°C~50°C				-20°C~50°C			-30°C~50°C	
Storage temperature	-40°C~70°C				-40°C~70°C			-40°C~70°C	
Net weight per unit	1.8kg				1.8kg	2.0kg	2.7kg	2.2kg	1.9kg
Package size (4 PCS/CTN)	220x420x590mm				440x320x440mm	440x320x440mm	500x360x500mm	465x340x445mm	465x340x445mm
Gross weight (4 PCS/CTN)	11kg				10kg	12kg	15kg	15kg	14kg