

GEO-VISION

Surveying Instruments

Automatic Level
32X / 28X / 24X



GEO-VISION

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SPECIFICATIONS

Model	GV-32	GV-28	GV-24
Magnification	32x	28x	24x
Objective aperture	42mm	36mm	32mm
Resolving power	3"	3.5"	4"
Field of View (at 100m)/328ft	1°20' (2.3m)	1°25' (2.5m)	1°25' (2.5m)
Minimum focus	0.2m from end of telescope		
	0.3m from instrument center		
Image	Erect	Erect	Erect
Reticle pattern	Wedge	Cross line	Cross line
Focusing Knob	2-speed	1-speed	1-speed
Sighting Aid	Peep sight	Peep sight	Gun sight
Accuracy (Standard deviation for 1km double run Leveling)			
Without micrometer	0.7mm	1.5mm	2.0mm
With micrometer	0.5mm	—	—
Compensator			
Type	Pendulum compensator with magnetic damping system		
Setting accuracy / range	0.3" / ± 15'	0.5" / ± 15'	0.5" / ± 15'
Horizontal circle			
Diameter	103mm	103mm	103mm
Graduations	1° / 1gon	1° / 1gon	1° / 1gon
General			
Horizontal motion drive	Clampless, endless, double-sided knobs		
Water resistance	IPX6	IPX6	IPX6
Operating temperature	-20°C to + 50°C	-20°C to + 50°C	-20°C to + 50°C
Size (w x l x h)	130 x 215 x 140 mm	130 x 215 x 140 mm	130 x 215 x 135 mm
Weight	1.85 kg	1.7 kg	1.7 kg

Standard Configuration

- Level instrument
- Operation manual
- Plumb bob
- Allen key
- Adjusting pin
- Downy cloth
- Plastic Carrying case

Automatic Level **GV-Series**



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Manufacturing in China

