

World-Proven Precision and Durability

SURWAY B Series automatic levels feature enhanced reliability under all environmental conditions. Tough and compact bodies are more tightly sealed against water, humidity and dust (IPx6).

B Series levels provide quick setup, easy sighting, and superior durability against vibration and shock, ensuring the increased productivity over an extra-long period of time.

SURWAY

B Series

AUTOMATIC
LEVELING



บริษัท เอส.ดี.เอ็ม. จำกัด

1/285 หมู่ 9 ต.บางพูด อ.ปากเกร็ด จ.นนทบุรี 11120

โทร. 02 582 3509 Line id : @SDMthailand

www.sdm.co.th

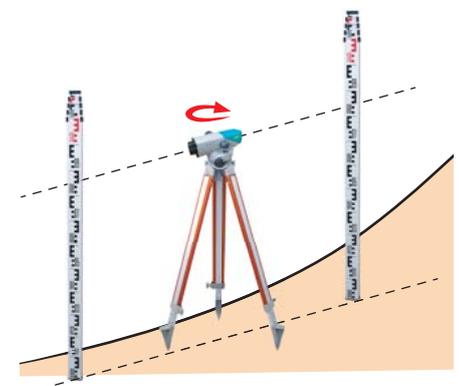
B2 . B3 . B4 Specifications

Model	B2	B3	B4
Telescope			
Length	215mm (8.46in.)		
Magnification	32x	28x	24x
Objective aperture	42mm (1.65in.)	36mm (1.42in.)	32mm (1.26in.)
Resolving power	3"	3.5"	4"
Field of View (at 100m/328ft.)	1°20' (2.3m/7.5ft.)	1°25' (2.5m / 8.2ft.)	
Minimum focus	0.2m (7.9in.) from end of telescope 0.3m (1ft.) from instrument center		
Image	Erect		
Reticle pattern	Wedge	Cross line	
Stadia constant	0		
Stadia ratio	100		
Focusing knob	2-speed	1-speed	
Sighting aid	Peep sight		Gun sight
Lens hood	Retractable	-	
Accuracy (standard deviation for 1km double run leveling)			
Without micrometer	0.7mm (0.03in.)	1.5mm (0.06in.)	2.0mm (0.08in.)
With micrometer	0.5mm (0.02in.)	-	
Compensator			
Type	Pendulum compensator with magnetic damping system		
Setting accuracy	0.3"	0.5"	
Working range	±15'		
Circular level			
Sensitivity	10' / 2mm		
Mirror	Pentaprism	Plane mirror	
Horizontal circle			
Diameter	103mm (4.1in.)		
Graduations	1° / 1gon		
General			
Horizontal motion drive	Clampless, endless, double-sided knobs		
Water resistance	IPX6 (IEC 60529: 2001)		
Operating temperature	-20 to +50°C (-4 to +122°F)		
Size	Width	130mm (5.12in.)	
	Length	215mm (8.46in.)	
	Height	140mm (5.51in.)	135mm (5.31in.)
Weight	1.85kg (4.1 lb.)	1.7kg (3.7 lb.)	

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Product by **SDM**
S.D.M. CO.,LTD.