

iX-1200/600



Accurate, powerful, and versatile

Built for job site mobility, the flagship iX series Ultrasonic robotic total station enables accurate and productive workflows for highly demanding survey and construction applications. Precisely lay out or survey more points in less time and improve quality and consistency. Easy-to-use digital processes with repeatably accurate results mean less rework and better quality control. The iX series is an all-in-one professional tool for layout, survey and machine guidance.

- Precise positioning with single-person operation
- High-speed advanced Ultrasonic motors
- Easy-to-use with MAGNET or Pocket3D software
- Seamless integration into BIM workflows
- Available in iX-1200 and iX-600 models with multiple accuracy levels
- Three-year instrument and five-year motor warranty
- Ultra-rugged IP65 dust and water resistance

Specifications

Telescope	
Length	142 mm
Aperture	EDM: 38 mm
Magnification	30x
Image	Erect
Resolving power	2.5"
Field of view	1°30′
Minimum focus	1.3 m (4.3 ft.)
Reticle illumination	5 brightness levels
	5 Stighthess levels
Angle Measurement	Determine has been as dear
Horizontal and vertical circles type	
Detecting	2 sides
Angle Units	Degree/Gon/Mil (selectable)
Minimun Display	10.00
iX 1201/1202/602	0.5" (0.0001 gon/0.002 mil) 1" (0.0002 gon/0.005 mil) (selectable)
iX 1203/603/605	1" (0.0002 gon/0.005 mil) (selectable)
	5" (0.0010 gon/0.02 mil) (selectable)
Angle Accuracy (ISO 17123-3 : 20	001)
iX 1201	1" (0.0003 gon/0.005 mil)
iX 602	2" (0.0006 gon/0.010 mil)
iX 1203/603	3" (0.0003 gon/0.015 mil)
iX 1205/605	5" (0.0003 gon/0.025 mil)
Collimation compensation	On/Off (selectable)
Measuring mode	Horizontal angle: Right/Left (selectable) Vertical angle: Zenith/Horizontal/Horizontal ± 90° /% (selectable)
Tilt Angle Compensation	
Туре	Liquid 2-axis tilt sensor
Minimum display	1"
Range of compensation	± 6' (0.0018 gon)
Automatic compensator	On (V and H/V) / Off (selectable)
Tilt offset	Can be changed
Distance Measurement	
Measuring method	Coaxial phase shift measuring system
Signal source	Red laser diode 690 nm Class 3R
(IEC60825-1 Ed. 3.0: 2014/FDA CDRH 2	1CFR Part1040.10 and 1040.11 (Complies with FDA performance r deviations pursuant to Laser Notice No.56, dated May 8, 2019.))
Measuring Range	
Prism-2 X 1*2	iX-1200 series: 1.3 to 6,000 m (19,685 ft.)
	iX-600 series: 1.3 to 4,000 m (13,123 ft.)
360° Prism ATP1/ATP1S	1.3 to 1,000 m (3,280 ft.)
Prism-5	1.3 to 500 m (1,640 ft.)
Reflective sheet RS90N-K*3	1.3 to 500 m (1,640 ft.)
Reflective sheet RS50N-K*3	1.3 to 300 m (980 ft.)
Reflective sheet RS10N-K*3	1.3 to 100 m (320 ft.)
Reflectorless (White)*2	iX-1200 series: 0.3 to 800 m (2,624 ft.)
	iX-600 series: 0.3 to 600 m (1,968 ft.)

(Using the following reflective prism/reflective sheet target during normal atmospheric conditions $^{\!\star \! 1}\!)$



iX-1200/600

Minimum display	
Fine/Rapid	0.0001 m (0.001 ft./ 1/16 inch) or
measurement	0.001 m (0.005 ft./ 1/8 inch)
Tracking	0.001 m (0.005 ft./ 1/8 inch) or
measurement	0.01 m (0.1 ft./ 1/2 inch)
Maximum slope	12,000 m
prism / reflective	
sheet	
Slope distance	Reflectorless: 1,200 m (3,930 ft.)
	Prism: 9,600 m (31,490 ft.)
Distance unit	m/ft./US ft./inch (selectable)
Distance accuracy	
Circular or 360° Prism	iX-1200 series
ATP1	Fine: 1 mm (0.003 ft.) + 2 ppm
	Rapid: 5 mm (0.0016 ft.) + 2 ppm
	iX-600 series
	Fine: 2 mm (0.006 ft.) + 2 ppm
	Rapid: 5 mm (0.016 ft.) + 2 ppm
Reflective sheet*3	Fine: 2 mm (0.006 ft.) + 2 ppm
	Rapid: 5 mm (0.016 ft.) + 2 ppm
Reflectorless	Fine:
(White)* ⁴	2 mm (0.006 ft.) + 2 ppm (0.3 to 200 m)
	5 mm (0.016 ft.) + 10 ppm (200 to 350 m)
	10 mm (0.032 ft.) + 10 ppm (350 to 1000 m)
	D. Chi
	Rapid:
	6 mm (0.020 ft.) + 2 ppm (0.3 to 200 m) 8 mm (0.026 ft.) + 10 ppm (200 to 350 m)
	15 mm (0.049 ft.) + 10 ppm (350 to 1000 m)
Measurement mode	Fine measurement (single/repeat/average)
Measurement mode	Rapid measurement (single/repeat) /Tracking
	(selectable)
Measuring time	(Sciectable)
Fine measurement	1.5 sec + every 0.9 sec.
Rapid measurement	1.3 sec + every 0.6 sec.
Tracking	1.3 sec + every 0.4 sec.
measurement	1.3 sec 1 every 0.4 sec.
Temperature input	- 35 to 60°C (in 0.1°C step)/
range	- 31 to 140°F (in 1°F step)
Pressure input range	500 to 1,400 hPa (in 0.1 hPa step),
	375 to 1,050 mm Hg (in 0.1 mm Hg step),
	14.8 to 41.3 inch Hg (in 0.01 inch Hg step)
ppm input range	-499 to 499 ppm (in 0.1 ppm step)
Prism constant	-99 to 99 mm (in 0.1 mm step)
correction	0 mm fixed for reflectorless measurement
Earth curvature and	No/Yes K=0.142
refraction correction	Yes K=0.20 (selectable)
Sea level correction	No/Yes (selectable)
	pout 20 km, sunny periods, weak scintillation.
	ut 40 km, overcast, no scintillation.
	beam strikes within 30° of the reflective sheet target.
*4: Figures when using Ko	dak Gray Card White side (reflection factor 90%)
	less than 5,000 lx (a little cloudy). When
nertorming retiectories	c massirament the noccinia massirament range

performing reflectorless measurement, the possible measurement range and precision will change depending on the target reflection factor, weather conditions and location conditions.

Max revolving speed (turning) Max auto tracking iX-1200: 150 degrees per second iX-600: 85 degrees per second iX-600: 85 degrees per second iX-600: 15 degrees per second iX-600: 15 degrees per second iX-600: 15 degrees per second iX-600: 1.3 to 1,000 m (3,280 ft.) iX-600: 1.3 to 1,000 m (2,624 ft.) 360 degree prism (ATP1) Auto Pointing accuracy Standing still at 100 m or less Standing still greater then 100 m Guide light Light source LED (red 626 nm/green 524 nm) Visible distance 1.3 to 150 m Resolving power at center area (width) Brightness 3 levels (bright/normal/dim) Memory and Data Internal memory 1GB External memory USB flash memory (up to 32GB) Visible angle Asynchronous serial RS232C compatible USB Revision 2.0 (FS) Host (Type A) Client (Type A) Client (Type A) Client (Type miniB) LongLink™ Bluetooth® wireless technology Transmission method FHSS Modulation GFSK (Gaussian-filtered frequency shift keying) Frequency band 2.402 to 2.48 GHz Bluetooth® profile SPP, DUN Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication VisiFi Communication In microstructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n	Rotation	
Max auto tracking speed iX-1200: 20 degrees per second iX-600: 15 degrees per second iX-600: 15 degrees per second iX-600: 15 degrees per second iX-600: 1.3 to 1,000 m (3,280 ft.) iX-600: 1.3 to 1,000 m (2,624 ft.) 360 degree prism (ATP1) 2 to 600 m (1,960 ft.) Auto Pointing accuracy Standing still at 1.2 mm or better 100 m or less Standing still greater then 100 m Guide light Light source LED (red 626 nm/green 524 nm) Visible distance 1.3 to 150 m Visible angle Right and Left/Upward and Downward: ± 4° (7 m/100 m) Resolving power at center area (width) Brightness 3 levels (bright/normal/dim) Memory and Data Internal memory 1GB External memory USB flash memory (up to 32GB) Visible angle Asynchronous serial RS232C compatible USB Revision 2.0 (FS) Host (Type A) Client (Type miniB) LongLink™ Bluetooth® wireless technology Transmission method FHSS Modulation GFSK (Gaussian-filtered frequency shift keying) Frequency band 2.402 to 2.48 GHz Bluetooth® profile SPP, DUN Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication while in communication distance Access method Infrastructure mode/ad hoc mode Frequency range 2.412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n	Max revolving speed	iX-1200: 150 degrees per second
Speed IX-600: 15 degrees per second		- 1
UltraTrac™ tracking range Prism-2 iX-1200: 1.3 to 1,000 m (3,280 ft.) iX-600: 1.3 to 800 m (2,624 ft.) 360 degree prism (ATP1) Auto Pointing accuracy Standing still at 100 m or less Standing still greater then 100 m Guide light Light source Visible distance Visible angle Resolving power at center area (width) Brightness 3 levels (bright/normal/dim) Memory and Data Internal memory Visible angle External memory USB flash memory (up to 32GB) Visible angle Asynchronous serial RS232C compatible USB Revision 2.0 (FS) Host (Type A) Client (Type miniB) LongLink™ Bluetooth* wireless technology Transmission method Modulation GFSK (Gaussian-filtered frequency shift keying) Frequency band 2.402 to 2.48 GHz Bluetooth® profile SPP, DUN Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Yes/No (selectable) Wi-Fi Communication distance Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) IEEE802.11b/g/n		0 1
Prism-2 iX-1200: 1.3 to 1,000 m (3,280 ft.) iX-600: 1.3 to 800 m (2,624 ft.) 360 degree prism (ATP1) Auto Pointing accuracy Standing still at 100 m or less Standing still greater then 100 m Guide light Light source Visible distance Visible angle Right and Left/Upward and Downward: ± 4° (7 m/100 m) Resolving power at center area (width) Brightness 3 levels (bright/normal/dim) Memory and Data Internal memory USB flash memory (up to 32GB) Visible angle Asynchronous serial RS232C compatible USB Revision 2.0 (FS) Host (Type A) Client (Type miniB) LongLink™ Bluetooth* wireless technology Transmission method Bluetooth® profile SPP, DUN Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Yes/No (selectable) WI-FI Communication distance Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) IEEE802.11b/g/n		
iX-600: 1.3 to 800 m (2,624 ft.) 360 degree prism (ATP1) Auto Pointing accuracy Standing still at 100 m or less Standing still greater then 100 m Guide light Light source	<u> </u>	
Auto Pointing accuracy Standing still at 100 m or less Standing still greater then 100 m Guide light Light source		iX-600: 1.3 to 800 m (2,624 ft.)
Standing still at 100 m or less Standing still greater then 100 m Guide light Light source Visible distance Visible angle Right and Left/Upward and Downward: ± 4° (7 m/100 m) Resolving power at center area (width) Brightness 3 levels (bright/normal/dim) Memory and Data Internal memory Visible angle External memory USB flash memory (up to 32GB) Visible angle Asynchronous serial RS232C compatible USB Revision 2.0 (FS) Host (Type A) Client (Type miniB) LongLink™ Bluetooth® wireless technology Transmission method FHSS Modulation GFSK (Gaussian-filtered frequency shift keying) Frequency band 2.402 to 2.48 GHz Bluetooth® profile SPP, DUN Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Yes/No (selectable) Wi-Fi Communication distance Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) IEEE802.11b/g/n	- '	2 to 600 m (1,960 ft.)
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then 100 m Guide light Light source LED (red 626 nm/green 524 nm) Visible distance 1.3 to 150 m Visible angle Right and Left/Upward and Downward: ± 4° (7 m/100 m) Resolving power at center area (width) Brightness 3 levels (bright/normal/dim) Memory and Data Internal memory 1GB External memory USB flash memory (up to 32GB) Visible angle Asynchronous serial RS232C compatible USB Revision 2.0 (FS) Host (Type A) Client (Type miniB) LongLink™ Bluetooth® wireless technology Transmission method FHSS Modulation GFSK (Gaussian-filtered frequency shift keying) Frequency band 2.402 to 2.48 GHz Bluetooth® profile SPP, DUN Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Yes/No (selectable) Wi-Fi Communication distance Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n	0	1.2 mm or better
Light source Visible distance Visible distance I.3 to 150 m Visible angle Right and Left/Upward and Downward: ± 4° (7 m/100 m) Resolving power at center area (width) Brightness 3 levels (bright/normal/dim) Memory and Data Internal memory IGB External memory USB flash memory (up to 32GB) Visible angle Asynchronous serial RS232C compatible USB Revision 2.0 (FS) Host (Type A) Client (Type miniB) LongLink™ Bluetooth® wireless technology Transmission method FHSS Modulation GFSK (Gaussian-filtered frequency shift keying) Frequency band 2.402 to 2.48 GHz Bluetooth® profile SPP, DUN Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Ves/No (selectable) Wi-Fi Communication distance Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n	0 0	0.3 mm (0.001ft.) + 9 ppm
Visible distance Visible angle Right and Left/Upward and Downward: ± 4° (7 m/100 m) Resolving power at center area (width) Brightness 3 levels (bright/normal/dim) Memory and Data Internal memory USB flash memory (up to 32GB) Visible angle Asynchronous serial RS232C compatible USB Revision 2.0 (FS) Host (Type A) Client (Type miniB) LongLink™ Bluetooth® wireless technology Transmission method Modulation GFSK (Gaussian-filtered frequency shift keying) Frequency band 2.402 to 2.48 GHz Bluetooth® profile SPP, DUN Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Yes/No (selectable) Wi-Fi Communication distance Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) IEEE802.11b/g/n	Guide light	
Visible angle Right and Left/Upward and Downward: ± 4° (7 m/100 m) Resolving power at center area (width) Brightness 3 levels (bright/normal/dim) Memory and Data Internal memory IGB External memory USB flash memory (up to 32GB) Visible angle Asynchronous serial RS232C compatible USB Revision 2.0 (FS) Host (Type A) Client (Type miniB) LongLink™ Bluetooth® wireless technology Transmission method Modulation GFSK (Gaussian-filtered frequency shift keying) Frequency band 2.402 to 2.48 GHz Bluetooth® profile SPP, DUN Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Yes/No (selectable) Wi-Fi Communication distance Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) IEEE802.11b/g/n	Light source	LED (red 626 nm/green 524 nm)
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Brightness 3 levels (bright/normal/dim) Memory and Data Internal memory 1GB External memory USB flash memory (up to 32GB) Visible angle Asynchronous serial RS232C compatible USB Revision 2.0 (FS) Host (Type A) Client (Type miniB) LongLink™ Bluetooth® wireless technology Transmission method FHSS Modulation GFSK (Gaussian-filtered frequency shift keying) Frequency band 2.402 to 2.48 GHz Bluetooth® profile SPP, DUN Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Yes/No (selectable) Wi-Fi Communication distance Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n		
Internal memory		3 levels (bright/normal/dim)
Internal memory	Memory and Data	
External memory Visible angle Asynchronous serial RS232C compatible USB Revision 2.0 (FS) Host (Type A) Client (Type miniB) LongLink™ Bluetooth® wireless technology Transmission method Modulation GFSK (Gaussian-filtered frequency shift keying) Frequency band 2.402 to 2.48 GHz Bluetooth® profile SPP, DUN Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Yes/No (selectable) Wi-Fi Communication distance Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n		1GB
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Host (Type A) Client (Type miniB) LongLink™ Bluetooth® wireless technology Transmission method FHSS Modulation GFSK (Gaussian-filtered frequency shift keying) Frequency band 2.402 to 2.48 GHz Bluetooth® profile SPP, DUN Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Yes/No (selectable) Wi-Fi Communication 10 m distance Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n		·
Client (Type miniB) LongLink™ Bluetooth® wireless technology Transmission method FHSS Modulation GFSK (Gaussian-filtered frequency shift keying) Frequency band 2.402 to 2.48 GHz Bluetooth® profile SPP, DUN Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Yes/No (selectable) Wi-Fi Communication 10 m distance Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n		
Transmission method FHSS Modulation GFSK (Gaussian-filtered frequency shift keying) Frequency band 2.402 to 2.48 GHz Bluetooth® profile SPP, DUN Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Yes/No (selectable) Wi-Fi Communication 10 m distance 10 m Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n		
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shift keying) Frequency band 2.402 to 2.48 GHz Bluetooth® profile SPP, DUN Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Yes/No (selectable) Wi-Fi Communication 10 m distance 10 m Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n	Transmission method	FHSS
Bluetooth® profile SPP, DUN Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Yes/No (selectable) Wi-Fi Communication 10 m distance 10 m Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n	Modulation	
Power class Class 1 Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Yes/No (selectable) Wi-Fi Communication distance Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n	Frequency band	2.402 to 2.48 GHz
Range 600 m (No obstacles, few vehicles or sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Yes/No (selectable) Wi-Fi Communication distance Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n	Bluetooth® profile	SPP, DUN
sources of radio omissions/interference in the near vicinity of the instrument, no rain, while in communication Authentication Yes/No (selectable) Wi-Fi Communication 10 m distance 10 m distance Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n	Power class	Class 1
Wi-Fi Communication distance 10 m distance Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n	Range	sources of radio omissions/interference in the near vicinity of the instrument, no rain,
Communication distance 10 m Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n	Authentication	Yes/No (selectable)
distance Access method Infrastructure mode/ad hoc mode Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n	Wi-Fi	
Frequency range 2,412 to 2,472 MHz (1 to 11ch) Transmission IEEE802.11b/g/n		10 m
Transmission IEEE802.11b/g/n	Access method	Infrastructure mode/ad hoc mode
Transmission IEEE802.11b/g/n		
	Frequency range	



iX-1200/600

Power supply	
Power source	Rechargeable Li-ion battery BDC72
Working duration at 20°C Fine single measuremedegrees and locking or	BDC72: approx. 4 hours BT-73Q (external optional) approx. 6.5 hours ent = every 30 seconds after worked 180 prism
Battery state indicator	4 levels
Auto power-off	5 levels (5/10/15/30 min/Not set) (selectable)
External power source	6.7 to12 V
Battery (BDC72)	
Nominal voltage	7.2 V
Capacity	5,986 mAh
Dimensions (w x d x h)	40 x 70 x 40 mm
Weight	approx. 220 g
Charging time at 25°C	approx. 8 hours for two batteries using CDC77 charger
Charger (CDC77)	
Voltage	AC100 to 240 V
Charging temperature range	0 to 40°C
Storage temperature range	-20 to 65°C
Size (w x d x h)	94 x 102 x 36 mm
Weight	about 250 g
Operating system	

Sensitivity of levels	
Circular level	10'/2 mm on tribrach 8'/2 mm on main unit (optional)
Electronic circular levels	Graphic display range: 6' (inner circle) Digital display range: ± 6' 30"
Optical plummet	
Image	Erect
Magnification	3X
Minimum focus	0.5 m
Environmental	
Operating temperature	Standard models: -20 to 50°C (-4 to 122°F) (no condensation)
Storage temperature	-30 to 60°C (-22 to 140°F) (no condensation)
Dust/Water rating	IP65 (IEC 60529: 2001)
Instrument height	192 mm from tribrach mounting surface
Size with handle (w x d x h)	212 x 172 x 355 mm
Weight (with handle/battery)	5.8 kg

Certifications and Standards

USA FCC Class A
Europe R&TTE-Class1
Europe EMC-ClassB
Canada ICES -ClassA
Australia C-Tick N 13813
Europe WEEE Directive
Europe Battery Directive
California Proposition 65
California Perchlorate Material CR
TELEC

Operating system

Windows Compact 7

Display

Color touchscreen 4.3 inch Transmissive TFT VWGA color LCD Backlight LED 9 brightness levels

Touch panel resistance sensitive analog type

Specifications subject to change without notice
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