SPECIFICATIONS

Range R10 R15 R10 R15 Reflector 5000m*¹ Reflectorless*² 1000m 1500m 1500m Accuracy Reflector ±(2+2ppm x D)mm Reflectorless ±(3+2ppm x D)mm Measuring Interval With Reflector 0.3s-3s*³ Without Reflector 0.3s-3s*³ 0.1s Without Reflector 0.3s-3s*³ 0.1mm Others Coaxial Minimum Reading 0.1mm Unit Meter/ US.Feet/ Int.Feet/ Feet-inch Angle Measurement Accuracy 2" 5" Reading System Absolute Encoding Circle Diameter 79mm Minimum Increment 1"/5" Detection Method Horizontal: Dual, Vertical: Dual Telescope Image Effective Aperture 45mm (EDM:SoMM) Magnification 30x Field of View 1*30' Minimum Focus Distance 1.2m Resolving Power 3" Titl Sensor System		N6	N6 ⁺ 2"		N6 ⁺ 5"	
Reflector	Distance Measurement					
Reflectorless*² 1000m 1500m 1500m 1500m Accuracy Accuracy Reflector ± (2+2ppm x D)mm 1500m Reflector (accuracy) ± (3+2ppm x D)mm Measuring Interval With Reflector 0.3s-3s*³ 3 Others Coaxial 0.1mm Unit Meter/ US.Feet/ Int.Feet/ Feet-inch Angle Measurement 0.1mm Meter/ US.Feet/ Int.Feet/ Feet-inch Angle Measurement 2" 5" Accuracy 2" 5" Reading System Absolute Encoding 79mm Gride Diameter 79mm Minimum Increment 1"/5" Detection Method Horizontal: Dual, Vertical: Dual Telescope Image Erect Lough Vertical: Dual Telescope Image Erect Lough Vertical: Dual Telescope Image Erect Telescope Telescope Telescope Telescope Image Erect Telescope Telescope Telescope Telescope Telescope Telescope	Range	R10			R15	
Accuracy Reflector Reflector Reflectorless			500	0m*1		
Reflector ±(2+2ppm x D)mm Reflectorless ±(3+2ppm x D)mm Measuring Interval With Reflector Without Reflector 0.3s-3s*³ Others Coaxial BDM Type Coaxial Minimum Reading 0.1mm Unit Meter/ US.Feet/ Int.Feet/ Feet-inch Angle Measurement 2" 5" Accuracy 2" 5" Reading System Absolute Encoding Circle Diameter 79mm Minimum Increment 1"/5" Detection Method Horizontal: Dual, Vertical: Dual Telescope Image Image Erect Tube Length 154mm Effective Aperture 45mm (EDM:50MM) Magnification 30x Field of View 1*30' Minimum Focus Distance 1.2m Resolving Power 3" Till Sensor Working Range ±4' Accuracy 1" Communication Ports USB Port Data Interface USB Stick, Bluetooth <	Reflectorless*2	1000m	1500m	1000m	1500m	
Reflectorless ±(3+2ppm x D)mm Measuring Interval Measuring Interval With Reflector Fine < 0.3s, Tracking < 0.1s Without Reflector 0.3s-3s*³ Others EDM Type Coaxial Bolm Type Coaxial Minimum Reading 0.1mm Meter/ US.Feet/ Int.Feet/ Feet-inch Angle Measurement Accuracy 2" 5" Reading System Absolute Encoding Circle Diameter 79mm Minimum Increment 1"/5" Detection Method Horizontal: Dual, Vertical: Dual Telescope Image Image Erect Tube Length 154mm Effective Aperture 45mm (EDM:SOMM) Magnification 30x Field of View 1"30' Minimum Focus Distance 1.2m Resolving Power 3" Tilt Sensor Sommanication System Dual Axis Liquid-Electric Working Range ±4' Accuracy 1" Communi	Accuracy					
Measuring Interval Fine < 0.3s, Tracking < 0.1s	Reflector		±(2+2ppi	m x D)mm		
With Reflector Fine < 0.3s, 3racking < 0.1s Without Reflector 0.3s-3s*³ Others Coaxial EDM Type Coaxial Minimum Reading 0.1mm Unit Meter/ US.Feet/ Int.Feet/ Feet-inch Angle Measurement Accuracy Reading System Absolute Encoding Circle Diameter 79mm Minimum Increment 1°/5" Detection Method Horizontal: Dual, Vertical: Dual Telescope Horizontal: Dual, Vertical: Dual Image Erect Tube Length 154mm Effective Aperture 45mm (EDM:SOMM) Magnification 30x Field of View 1°30' Minimum Focus Distance 1.2m Resolving Power 3" Tilt Sensor 3" System Dual Axis Liquid-Electric Working Range ±4" Accuracy 1" Communications USB Port Data Interface USB Stick, Bluetooth Effective Range of Bluetooth <t< td=""><td>Reflectorless</td><td></td><td>±(3+2ppi</td><td>m x D)mm</td><td></td></t<>	Reflectorless		±(3+2ppi	m x D)mm		
Without Reflector 0.3s-3s ⁺³ Others Coaxial EDM Type Coaxial Minimum Reading 0.1mm Unit Meter/ US.Feet/ Int.Feet/ Feet-inch Angle Measurement Accuracy 2" 5" Reading System Absolute Encoding Circle Diameter 79mm Minimum Increment 1"/5" Detection Detection Method Horizontal: Dual, Vertical: Dual Telescope Image Erect Image Erect Effective Aperture 45mm (EDM:50MM) Magnification 30x Field of View 1*30' Minimum Focus Distance 1.2m Resolving Power 3" Fill Sensor System Dual Axis Liquid-Electric Working Range ±4' Accuracy 1" Vorting Range ±4' Accuracy 1" Communication Ports USB Port Dual Axis Liquid-Electric USB Port Dual Axis Liquid-Electric USD Port Dual Axis Liquid-Electric USD Port Dual Side, Electric Electric Read Port Accuracy 1"	Measuring Interval					
Without Reflector 0.3s-3s*³ Others Coaxial EDM Type Coaxial Minimum Reading 0.1mm Meter/ US.Feet/ Int.Feet/ Feet-inch Angle Measurement Accuracy 2" 5" Reading System Absolute Encoding Circle Diameter 79mm Minimum Increment 1"/5" Detection Method Horizontal: Dual, Vertical: Dual Telescope Image Erect Image Erect Erect Tube Length 154mm Effective Rection Month Effective Aperture 45mm (EDM:50MM) Anganification 30x Field of View 1*30' Minimum Focus Distance Resolving Power 3" Tits Sensor Tits Se	With Reflector		Fine < 0.3s, 7	Fracking < 0.1s		
Minimum Reading 0.1mm Meter/ US.Feet/ Int.Feet/ Feet-inch Angle Measurement Accuracy 2" 5" Reading System Absolute Encoding Circle Diameter 79mm Minimum Increment 1"/5" Detection Method Horizontal: Dual, Vertical: Dual Telescope	Without Reflector					
Minimum Reading 0.1mm Unit Meter/ US.Feet/ Int.Feet/ Feet-inch Angle Measurement 2" 5" Accuracy 2" 5" Reading System Absolute Encoding Circle Diameter 79mm Minimum Increment 1"/5" Detection Method Horizontal: Dual, Vertical: Dual Telescope Telescope Image Erect Tube Length 154mm Effective Aperture 45mm (EDM:50MM) Magnification 30x Field of View 1°30' Minimum Focus Distance 1.2m Resolving Power 3" Titl Sensor Tr System Dual Axis Liquid-Electric Working Range ±4" Accuracy 1" Communications USB Port Communication Ports USB Port Data Interface USB Stick, Bluetooth Effective Range of Bluetooth 10m Plummet ±1.5mm at 1.5m Optical Plummet (Optional) Erect Image Magnification 3 x Focusing Range 0.5m*∞ Field of View 5° Power Type Rechargeable Lithium battery Voltage <td>Others</td> <td></td> <td></td> <td></td> <td></td>	Others					
Unit Angle Measurement Accuracy Reading System Absolute Encoding Circle Diameter Minimum Increment Detection Method Telescope Image Image Iffective Aperture Resolving Power Resolving Range Accuracy Image Image Image Iffective Aperture Resolving Power Infective Aperture Infective Aperture Infective Aperture Infective Aperture Infective Aperture Infective Aperture Infective Range of Bluetooth Infective Aperture	EDM Type		Coa	axial		
Unit Angle Measurement Accuracy Reading System Absolute Encoding Circle Diameter Minimum Increment Detection Method Telescope Image Image Iffective Aperture Resolving Power Resolving Range Accuracy Image Image Image Iffective Aperture Resolving Power Infective Aperture Infective Aperture Infective Aperture Infective Aperture Infective Aperture Infective Aperture Infective Range of Bluetooth Infective Aperture	Minimum Reading		0.1	mm		
Angle Measurement Accuracy Accuracy Absolute Encoding Circle Diameter Tymm Minimum Increment Detection Method Telescope Image	Unit	Mete	er/ US.Feet/	Int.Feet/ Feet-i	nch	
Accuracy Reading System Circle Diameter Minimum Increment Detection Method Telescope Image Tibbe Length Effective Aperture Magnification System Communication Ports Data Interface Effective Range of Bluetooth Diamet Laser Plummet Laser Plummet Laser Plummet Laser Plummet Footsing Range Footsing Range Field of View 1-5m Power Type Rechargeable Lithium battery Notlage Power Type Rechargeable Lithium battery Notlage Tothers Dual Side, LCD 6 Lines Keyboard Manual Input, Auto Correction Prism Constant Diamenx Assum x and	Angle Measurement		,	,		
Reading System Circle Diameter 79mm Minimum Increment Detection Method Horizontal: Dual, Vertical: Dual Telescope Image Fifective Aperture Magnification Field of View Field of View Filt Sensor System Dual Axis Liquid-Electric Working Range Communication Data Interface Effective Range of Bluetooth Plummet Laser Plummet Dytical Plummet (Optional) Magnification Field of View Field	-	2"		5	"	
Circle Diameter 79mm Minimum Increment 1"/5" Detection Method Horizontal: Dual, Vertical: Dual Telescope Image Image Erect Tube Length 154mm Effective Aperture 45mm (EDM:50MM) Magnification 30x Field of View 1°30' Minimum Focus Distance 1.2m Resolving Power 3" Tilt Sensor System System Dual Axis Liquid-Electric Working Range ±4" Accuracy 1" Communications USB Port Communication Ports USB Port Data Interface USB Stick, Bluetooth Effective Range of Bluetooth 10m Plummet ±1.5mm at 1.5m Optical Plummet (Optional) Erect Image Magnification 3 x Focusing Range 0.5m~∞ Field of View 5° Power Type Rechargeable Lithium battery Voltage 7.4V DC, 310	<u> </u>	_				
Minimum Increment Detection Method Telescope Image Tube Length Effective Aperture Magnification Tilf Sensor System Working Range Communication Ports Data Interface Effective Range of Bluetooth Plummet Laser Plummet Laser Plummet (Optional) Magnification Field of View 1°30' Minimum Focus Distance 1.2m Resolving Power 3" Tilf Sensor System Dual Axis Liquid-Electric Working Range ±4' Accuracy 1" Communications Communication Ports Data Interface USB Port Data Interface USB Stick, Bluetooth Plummet Laser Plummet \$\frac{1}{2}\$\$ 1.5mm at 1.5mm Optical Plummet (Optional) Magnification \$\frac{3}{3}x\$ Focusing Range \$\frac{0}{3}x\$ Focusing Range \$\frac{0}{3}						
Detection Method Horizontal: Dual, Vertical: Dual						
Telescope Image Erect Tube Length 154mm Effective Aperture 45mm (EDM:50MM) Magnification 30x Field of View 1°30′ Minimum Focus Distance 1.2m Resolving Power 3″ Tilt Sensor System Dual Axis Liquid-Electric Working Range ±4′ Accuracy 1″ Communications Communication Ports USB Port Data Interface USB Stick, Bluetooth Effective Range of Bluetooth 10m Plummet Laser Plummet (Optional) Erect Image Magnification 3 x Focusing Range 0.5m~∞ Field of View 5° Power Type Rechargeable Lithium battery Voltage 7.4V DC, 3100mAH Operating Time 10 More Level Vials Plate Vial 30″/2mm Circular Vial 8'/2mm Others Dust and Water Protection Image 1.95 Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm		Нс	•			
Erect Tube Length		110	orizoritar. Du	ai, verticai. Due	21	
Tube Length 154mm Effective Aperture 45mm (EDM:50MM) Magnification 30x Field of View 1°30′ Minimum Focus Distance 1.2m Resolving Power 3″ Tilt Sensor System Dual Axis Liquid-Electric Working Range ±4′ Accuracy 1″ Communications Communication Ports USB Port Data Interface USB Stick, Bluetooth Effective Range of Bluetooth 10m Plummet Laser Plummet 1.5mm at 1.5m Optical Plummet (Optional) Erect Image Magnification 3 x Focusing Range 0.5m [∞] ∞ Field of View 5° Power Type Rechargeable Lithium battery Voltage 7.4V DC, 3100mAH Operating Time 10 Hours*4 Level Vials Plate Vial 30″/2mm Circular Vial 30″/2mm Circular Vial 30″/2mm Others Dust and Water Protection IP55 Display Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ~ +50°C Atmosphere Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction			Er	roct		
Effective Aperture 45mm (EDM:50MM) Magnification 30x Field of View 1°30′ Minimum Focus Distance 1.2m Resolving Power 3″ Tilt Sensor System Dual Axis Liquid-Electric Working Range ±4′ Accuracy 1″ Communications Communication Ports USB Port Data Interface USB Stick, Bluetooth Effective Range of Bluetooth 10m Plummet Laser Plummet ±1.5mm at 1.5m Optical Plummet (Optional) Erect Image Magnification 3 x Focusing Range 0.5m~∞ Field of View 5° Power Type Rechargeable Lithium battery Voltage 7.4V DC, 3100mAH Operating Time 10 Hours*4 Level Vials 30″/2mm Plate Vial 30″/2mm Circular Vial 30″/2mm Others Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys </td <td></td> <td></td> <td></td> <td></td> <td></td>						
Magnification 30x Field of View 1°30′ Minimum Focus Distance 1.2m Resolving Power 3″ Tilt Sensor System Dual Axis Liquid-Electric Working Range ±4′ Accuracy 1″ Communications Communication Ports USB Port Data Interface USB Stick, Bluetooth Effective Range of Bluetooth 10m Plummet Laser Plummet ±1.5mm at 1.5m Optical Plummet (Optional) Erect Image Magnification 3 x Focusing Range 0.5m~∞ Field of View 5° Power Type Rechargeable Lithium battery Voltage 7.4V DC, 3100mAH Operating Time 10 Hours** Level Vials 8'/2mm Plate Vial 30"/2mm Circular Vial 3'/2mm Others Dust and Water Protection IP55 Display Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys						
Field of View 1°30′ Minimum Focus Distance 1.2m Resolving Power 3″ Tilt Sensor System Dual Axis Liquid-Electric Working Range ±4′ Accuracy 1″ Communications Communication Ports USB Port Data Interface USB Stick, Bluetooth Effective Range of Bluetooth 10m Plummet Laser Plummet ±1.5mm at 1.5m Optical Plummet (Optional) Erect Image Magnification 3 x Focusing Range 0.5m~∞ Field of View 5° Power Type Rechargeable Lithium battery Voltage 7.4V DC, 3100mAH Operating Time 10 Hours*4 Level Vial 30″/2mm Circular Vial 30″/2mm Others Dust and Water Protection IP55 Display Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys Operating Temperature 4.20°C ~+50°C Atmosphere Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm	-					
Minimum Focus Distance Resolving Power Tilt Sensor System Dual Axis Liquid-Electric Working Range ±4' Accuracy 1" Communications Communication Ports Data Interface USB Stick, Bluetooth Effective Range of Bluetooth Plummet Laser Plummet Laser Plummet (Optional) Magnification Focusing Range Field of View For Power Type Rechargeable Lithium battery Voltage 7.4V DC, 3100mAH Operating Time Level Vials Plate Vial Circular Vial Others Dust and Water Protection Display Keyboard Operating Temperature Atmosphere Correction Earth Curvature Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm	-					
Resolving Power Tilt Sensor System Dual Axis Liquid-Electric Working Range ±4' Accuracy 1" Communications Communication Ports Data Interface USB Port Data Interface USB Stick, Bluetooth Flummet Laser Plummet Laser Plummet (Optional) Magnification Focusing Range Field of View 5° Power Type Rechargeable Lithium battery Voltage 7.4V DC, 3100mAH Operating Time Level Vials Plate Vial Circular Vial Others Dust and Water Protection Display Keyboard Operating Temperature Atmosphere Correction Earth Curvature Correction Prism Constant Manual Input, Auto Correction Dimension						
Tilt Sensor System Dual Axis Liquid-Electric Working Range ±4' Accuracy 1" Communications Communication Ports Data Interface Effective Range of Bluetooth Plummet Laser Plummet Laser Plummet (Optional) Magnification Focusing Range Field of View 5° Power Type Rechargeable Lithium battery Voltage 7.4V DC, 3100mAH Operating Time Level Vials Plate Vial Gircular Vial Others Dust and Water Protection Display Alphanumeric 24 Keys Operating Temperature Atmosphere Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Prism Constant Dimm x 195mm x 335mm						
System Dual Axis Liquid-Electric Working Range ±4' Accuracy 1" Communications Communication Ports Data Interface Effective Range of Bluetooth Plummet Laser Plummet Coptical Plummet (Optional) Frect Image Magnification Focusing Range Field of View 5° Power Type Rechargeable Lithium battery Voltage 7.4V DC, 3100mAH Operating Time Level Vials Plate Vial Circular Vial Others Dust and Water Protection Display Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ~ +50°C Atmosphere Correction Earth Curvature Correction Prism Constant Manual Input, Auto Correction Manual Input, Auto Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction				3″		
Working Range ±4′ Accuracy 1″ Communications Communication Ports USB Port Data Interface USB Stick, Bluetooth Effective Range of Bluetooth 10m Plummet Laser Plummet (Optional) Erect Image Magnification 3 x Focusing Range 0.5m~∞ Field of View 5° Power Type Rechargeable Lithium battery Voltage 7.4V DC, 3100mAH Operating Time 10 Hours*4 Level Vials Plate Vial 30″/2mm Circular Vial 8′/2mm Others Dust and Water Protection IP55 Display Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ~ +50°C Atmosphere Correction Manual Input, Auto Correction Earth Curvature Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm			-			
Accuracy 1" Communications Communication Ports USB Port Data Interface USB Stick, Bluetooth Effective Range of Bluetooth 10m Plummet Laser Plummet (Optional) Erect Image Magnification 3 x Focusing Range 0.5m~~ Field of View 5° Power Type Rechargeable Lithium battery Voltage 7.4V DC, 3100mAH Operating Time 10 Hours*4 Level Vials Plate Vial 30"/2mm Circular Vial 8'/2mm Others Dust and Water Protection IP55 Display Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ~ +50°C Atmosphere Correction Manual Input, Auto Correction Earth Curvature Correction Prism Constant Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm	·		Dual Axis Liquid-Electric			
Communications Communication Ports Data Interface Effective Range of Bluetooth Plummet Laser Plummet Laser Plummet (Optional) Magnification Focusing Range Field of View Type Rechargeable Lithium battery Voltage Operating Time Level Vials Plate Vial Circular Vial Others Dust and Water Protection Display Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ~ +50°C Atmosphere Correction Earth Curvature Correction Prism Constant Manual Input, Auto Correction Prism Constant Dimm x 195mm x 335mm						
Communication PortsUSB PortData InterfaceUSB Stick, BluetoothEffective Range of Bluetooth10mPlummetLaser Plummet (Optional)Erect ImageMagnification3 xFocusing Range0.5m~∞Field of View5°PowerTypeRechargeable Lithium batteryVoltage7.4V DC, 3100mAHOperating Time10 Hours*4Level Vials30"/2mmPlate Vial30"/2mmCircular Vial8'/2mmOthersDust and Water ProtectionIP55DisplayDual Side, LCD 6 LinesKeyboardAlphanumeric 24 KeysOperating Temperature-20°C ~ +50°CAtmosphere CorrectionManual Input, Auto CorrectionEarth Curvature CorrectionManual Input, Auto CorrectionPrism ConstantManual Input, Auto CorrectionDimension190mm x 195mm x 335mm	•			1"		
Data Interface Effective Range of Bluetooth Plummet Laser Plummet Laser Plummet						
Effective Range of Bluetooth Plummet Laser Plummet						
Plummet ±1.5mm at 1.5m Optical Plummet (Optional) Erect Image Magnification 3 x Focusing Range 0.5m~∞ Field of View 5° Power Rechargeable Lithium battery Type Rechargeable Lithium battery Voltage 7.4V DC, 3100mAH Operating Time 10 Hours*4 Level Vials 30"/2mm Plate Vial 30"/2mm Circular Vial 8'/2mm Others IP55 Dust and Water Protection IP55 Display Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ~ +50°C Atmosphere Correction Manual Input, Auto Correction Errect Image Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm			USB Stick,	, Bluetooth		
Laser Plummet±1.5mm at 1.5mOptical Plummet (Optional)Erect ImageMagnification3 xFocusing Range0.5m~∞Field of View5°PowerTypeRechargeable Lithium batteryVoltage7.4V DC, 3100mAHOperating Time10 Hours*⁴Level Vials8'/2mmPlate Vial30"/2mmCircular Vial8'/2mmOthersDust and Water ProtectionIP55DisplayDual Side, LCD 6 LinesKeyboardAlphanumeric 24 KeysOperating Temperature-20°C ~ +50°CAtmosphere CorrectionManual Input, Auto CorrectionEarth Curvature CorrectionManual Input, Auto CorrectionPrism ConstantManual Input, Auto CorrectionDimension190mm x 195mm x 335mm			10	0m		
Optical Plummet (Optional)Erect ImageMagnification3 xFocusing Range0.5m~∞Field of View5°PowerTypeRechargeable Lithium batteryVoltage7.4V DC, 3100mAHOperating Time10 Hours*4Level Vials8′/2mmPlate Vial30″/2mmCircular Vial8′/2mmOthersDust and Water ProtectionIP55DisplayDual Side, LCD 6 LinesKeyboardAlphanumeric 24 KeysOperating Temperature-20°C ~ +50°CAtmosphere CorrectionManual Input, Auto CorrectionEarth Curvature CorrectionManual Input, Auto CorrectionPrism ConstantManual Input, Auto CorrectionDimension190mm x 195mm x 335mm						
Magnification3 xFocusing Range0.5m~∞Field of View5°PowerTypeRechargeable Lithium batteryVoltage7.4V DC, 3100mAHOperating Time10 Hours*4Level Vials30″/2mmPlate Vial30″/2mmCircular Vial8′/2mmOthersDust and Water ProtectionIP55DisplayDual Side, LCD 6 LinesKeyboardAlphanumeric 24 KeysOperating Temperature-20°C ~ +50°CAtmosphere CorrectionManual Input, Auto CorrectionEarth Curvature CorrectionManual Input, Auto CorrectionPrism ConstantManual Input, Auto CorrectionDimension190mm x 195mm x 335mm	Laser Plummet		±1.5mm at 1.5m			
Focusing Range Field of View Field of View Fower Type Rechargeable Lithium battery Voltage 7.4V DC, 3100mAH Operating Time 10 Hours*4 Level Vials Plate Vial Circular Vial Others Dust and Water Protection Display Evel Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys Operating Temperature Atmosphere Correction Earth Curvature Correction Dimension Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Manual Input, Auto Correction Manual Input, Auto Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Manual Input, Auto Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Manual Input, Auto Correction Manual Input, Auto Correction Dimension	Optical Plummet (Optional)		Erect Image			
Field of View 5° Power Type Rechargeable Lithium battery Voltage 7.4V DC, 3100mAH Operating Time 10 Hours*4 Level Vials Plate Vial 30"/2mm Circular Vial 8'/2mm Others Dust and Water Protection IP55 Display Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ~ +50°C Atmosphere Correction Manual Input, Auto Correction Earth Curvature Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm	Magnification		3 x			
Power Type Rechargeable Lithium battery Voltage 7.4V DC, 3100mAH Operating Time 10 Hours*4 Level Vials Plate Vial 30"/2mm Circular Vial 8'/2mm Others Dust and Water Protection IP55 Display Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ~ +50°C Atmosphere Correction Manual Input, Auto Correction Earth Curvature Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm	Focusing Range		0.5m~∞			
Type Rechargeable Lithium battery Voltage 7.4V DC, 3100mAH Operating Time 10 Hours*4 Level Vials Plate Vial 30"/2mm Circular Vial 8'/2mm Others Dust and Water Protection IP55 Display Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ~ +50°C Atmosphere Correction Manual Input, Auto Correction Earth Curvature Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm	Field of View		5°			
Voltage 7.4V DC, 3100mAH Operating Time 10 Hours*4 Level Vials Plate Vial 30"/2mm Circular Vial 8'/2mm Others Dust and Water Protection IP55 Display Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ~ +50°C Atmosphere Correction Manual Input, Auto Correction Earth Curvature Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm	Power					
Voltage 7.4V DC, 3100mAH Operating Time 10 Hours*4 Level Vials Plate Vial 30"/2mm Circular Vial 8'/2mm Others Dust and Water Protection IP55 Display Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ~ +50°C Atmosphere Correction Manual Input, Auto Correction Earth Curvature Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm	Туре	Re	echargeable	Lithium batter	/	
Operating Time 10 Hours*4 Level Vials Plate Vial 30"/2mm Circular Vial 8'/2mm Others Dust and Water Protection IP55 Display Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ~ +50°C Atmosphere Correction Manual Input, Auto Correction Earth Curvature Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm	Voltage					
Level Vials Plate Vial Plate Vial Others Dust and Water Protection Display Keyboard Operating Temperature Atmosphere Correction Earth Curvature Correction Dimension Alon'/2mm 8'/2mm Dual Side, LCD 6 Lines Alphanumeric 24 Keys -20°C ~ +50°C Manual Input, Auto Correction Manual Input, Auto Correction Manual Input, Auto Correction						
Plate Vial 30"/2mm Circular Vial 8'/2mm Others Dust and Water Protection IP55 Display Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ~ +50°C Atmosphere Correction Manual Input, Auto Correction Earth Curvature Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm						
Circular Vial Others Dust and Water Protection Display Keyboard Operating Temperature Alphanumeric 24 Keys Operating Temperature Almosphere Correction Earth Curvature Correction Prism Constant Dimension Manual Input, Auto Correction 190mm x 195mm x 335mm	Plate Vial		30"/	'2mm		
Others Dust and Water Protection IP55 Display Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ~ +50°C Atmosphere Correction Manual Input, Auto Correction Earth Curvature Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm	Circular Vial					
Dust and Water Protection Display Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ~ +50°C Atmosphere Correction Earth Curvature Correction Prism Constant Dimension Dimension Display Manual Side, LCD 6 Lines Mays Alphanumeric 24 Keys -20°C ~ +50°C Manual Input, Auto Correction Manual Input, Auto Correction 190mm x 195mm x 335mm			,			
Display Dual Side, LCD 6 Lines Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ~ +50°C Atmosphere Correction Earth Curvature Correction Prism Constant Dimension Dimension Dual Side, LCD 6 Lines Alphanumeric 24 Keys -20°C ~ +50°C Manual Input, Auto Correction Manual Input, Auto Correction 190mm x 195mm x 335mm			IP	255		
Keyboard Alphanumeric 24 Keys Operating Temperature -20°C ∼ +50°C Atmosphere Correction Manual Input, Auto Correction Earth Curvature Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm						
Operating Temperature Atmosphere Correction Earth Curvature Correction Prism Constant Dimension -20°C ~ +50°C Manual Input, Auto Correction Manual Input, Auto Correction Manual Input, Auto Correction 190mm x 195mm x 335mm	· ·		,			
Atmosphere Correction Manual Input, Auto Correction Earth Curvature Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm						
Earth Curvature Correction Manual Input, Auto Correction Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm		В. 4.				
Prism Constant Manual Input, Auto Correction Dimension 190mm x 195mm x 335mm						
Dimension 190mm x 195mm x 335mm						
Weight (approx) 5.5kg		1				
	Weight (approx)		5.5kg			

STANDARD PACKING LIST

Main unit	1x
Lens cover	1x
Battery holder	1x
Battery LB-01	2x
Tools pouch	1x
Plummet	1x
Manual	1x
Charger LC-10	1x
Reflective sheet	1x
Carry case	1x
Belt	2x

- *1. Good Conditions: good visibility about 20km, overcast, no scintillation.
- *2. Under Kodak Gray (90%). Measuring distance may vary depending on targets and the conditions.
- *3. Measuring time may vary depending on measure distance and conditions. For the initial measurement, it may take a
- *4. Battery life specification at 25°C . It might be shorter in low temperature or if the battery is old.

OPTIONAL ACCESSORIES



ATS-2 Wooden Tripod NLS-15 Prism Pole TK21T Prism Set

Note: all information above is subject to change without any prior notice.



SOUTH SURVEYING & MAPPING TECHNOLOGY CO., LTD.

Add: South Geo-information Industrial Park, No.39 Si Cheng Rd, Guangzhou, China http://www.southinstrument.com



N6⁺ Series

Best-Selling Total Station



- Trigger Key, Hot key for faster operation
- Cable-Free Connection by Wireless Bluetooth or USB Stick
- Bigger internal memory, Save 96000 data block
- Longer operation Time up to 10 hours per battery

What is new for N6⁺

Outstanding Performance and Versatile Functions



New Battery Housing

- Easy to lock and release
- One hand operation



Trigger Key

- Faster operation
- Trigger in all measurement surface



Easy Viewing Display

- 6-line with backlight on both faces.
- Easy-to-use 24-key pads with alphabet entry.



Relocated Tangent Screw

Lock and fine adjustment tangent screw



USB Flash Disk

USB disk for data import & export, more convenient and keep it safe



New Mainboard

- Processor upgrade to M7. More powerful process ability
- Lower consumption. Longer operation time up to 10 hrs by 1 battery



Bigger Memory

Up to save 96000 data blocks



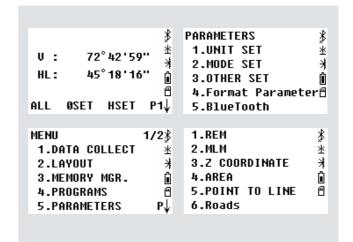
Easy-to-use Onboard System

New tool-bar design on the side of screen, which helps you check the status of your N6⁺ Total Station in real-time.

Choose N6⁺ to meet your topographic needs as a superior mates. It offers a clear-to-view onboard system by it's easy-to-use but powerful programs.

Such as:

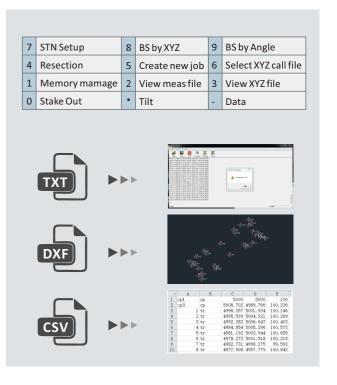
- ► Offset: angle, distance, column offset
- ► Point to Line: to calculate the coordinate of occupied point based on a known point and line
- ► COGO: calculation of coordinate geometry



New Hot Key Functions and BT Data Transfer

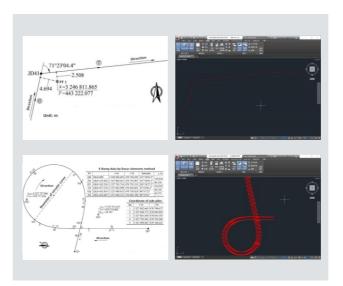
12 number key, 12 short path directly enter the application, less operation steps and higher efficiency.

Cable free data transfer work with transfer software, one key export to USB stick, generate TXT, CSV, DXF files.



Optimized Road Program

The optimized road program offers a smart solution for road designing, editing and laying out. The new road program will calculate the horizontal and vertical curve in arbitrary geometric curved algorithm.



Work on Data Collector

After added the Bluetooth module on N6⁺, you will have more possibilities to extend the applications on Total Station. With open source commands, you are easy to establish the communications between the N6+ and other software you wish to use.

