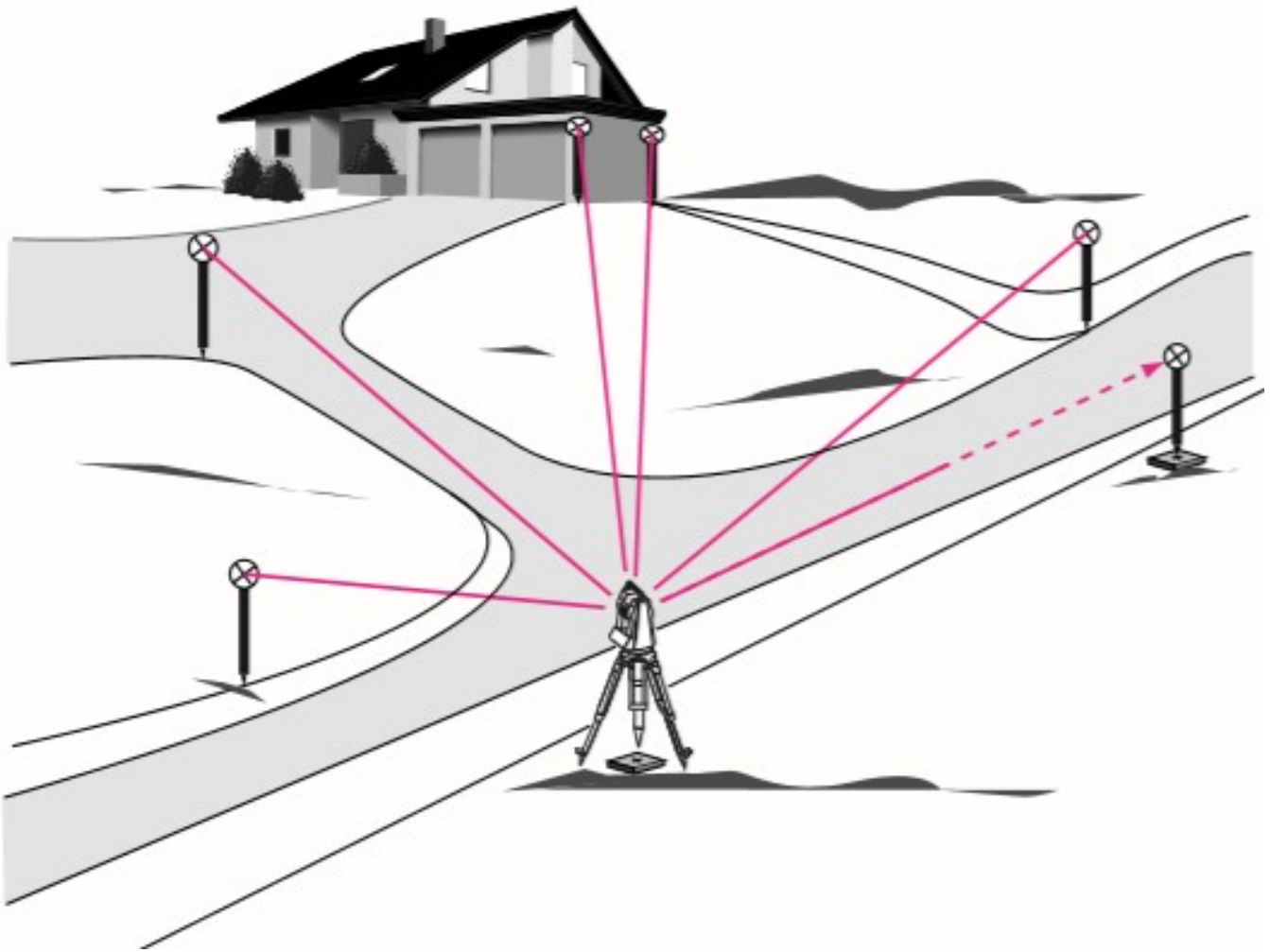


K - Series

Total Station Range



Krypton Total Station delivers user friendly features to boost up productivity and helps you to work better. K-101 delivers accurate results even in the toughest environmental conditions, such as extreme heat – cold, rain and dust. Equipped with absolute encoder system, Fast Speed distance measure, Extended internal memory(max 50,000 points) High accuracy & long distance measuring range, Complete application programs with big LCD screen, Convenient data management system, Built in Bluetooth for Option, Non prism maximum measuring distance: 600m

Krypton TS K-101R

Angle Measurements	
Measurement Method	Absolute Encoder
Minimum Reading	1"
Accuracy	1"(0.3mgon) / 2" (0.6mgon / 5" (1.5mgon)
Telescope	
Magnification	30x Zoom
Field of View	1° 30' / 1.66 gon / 2.7 m at 100m
Minimum Focusing Distance	1.0m (manual focus)
Reticule	Illuminated
Effective Diameter of Objective	45mm
Compensator	
Systems	Liquid Tilt Sensor / Stable Dual-Axis Compensator** / Electronic Graphical Bubble
Working Range	±3'
Accuracy	1'
Distance Measurement	
Reflector-Less Range	600m (Accuracy ± (3mm + 2ppm x D))
Reflective Sheet	800m (Accuracy ± (2mm + 2ppm x D))
Single Prism Range	5000m (Accuracy ± (2mm + 2ppm x D))
Triple Prism Range	7500m (Accuracy ± (2mm + 2ppm x D))
Measuring Time	Fine 1.2" (normal) 0.7" (fast) / Tracking 0.4" (Powerful and Fast EDM Capability)
Communication	
Internal Data Memory	Approx. 50,000 Points
External Data Memory	2GB SD Card
Interface	Standard RS232 Port, Mini-B, USB Pen Drive
Wireless Communication	Integrated Bluetooth
Data Format (Downloading)	ASCII ~ Download NEZ Coordinate In {.DXF, .TXT, .CSV etc.}
Data Format (Uploading)	Uploading NEZ Coordinate in {MEA, COO etc.}
Operation	
System	Real-Time Operating Systems
Operating System	Dos Base Operating System
Display	High Resolution (Black & White) Display with Contrast Adjustment / Graphics 192 x 96 Pixels
Keyboard	Double Sided Full Alphanumeric Key Board with (Backlight in Keyboard & Display Both)
Laser Plummet	
Type	Laser Point, 4 Brightness Levels Adjustment
Centering Accuracy	1mm at 1.5m Instrument Height
Environmental	
Operating Temperature	-20°C + 50°C (-4F to +122F)
Storage Temperature	-40°C + 70°C (-40F to +158F)
Temperature & Pressure	Manual Input
Dust & Water Protection	IP66

Power Supply	
Battery Type	Li-ion Battery
Voltage / Capacity	ZBA-400:7.4V (DC) / 3000mAh
Operating Time with ZBA-400	Optimal 16hrs (Continuous Angle Measurement Every 30s / 10hrs (Typical)
Measuring Times	Approx. 12000 Times
Charging Time	Approx. 3hrs
Standard Accessories	
Box Accessories	Total Station (Main Unit), Hard Plastic Polycarbonate / Foam Molded Carrying Case, Batteries, Battery Charger (with Adopter), Memory Card, Data Downloading Cable, OTG Pen Drive with Software, Lens Cover, Tool Kit.
External Accessories	Heavy Duty Wooden Tripod (with Cover), Prism with Holder and Target Plate (with Cover), Prism Pole 2.5m (with Cover).
Optional Accessories	Mini Prism with Bubble Enabled Holder and 4 Connecting Sticks with Nile (with Cover).

****We offer on our Total Stations corrections for horizontal and vertical collimation errors. In addition our total stations are equipped with dual axis compensator thus providing tilt axis and vertical index tilt corrections. Thus our total stations would provide all corrections that can applied by using **Quadruple axis compensation****



GLOBAL PRESENCE

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