

KTS-552R15

Android Total Station



- Android 6.0 O.S
- Up to 1500m Reflectorless EDM
- Large High-resolution Display
- Cable-free Connection by Bluetooth
- Intuitive On-board Software - Survey Star

SPECIFICATIONS

| KTS-552R15 | |
|-------------------------------|---|
| Measuring Range | |
| 1P | 5.0km |
| 3P | 8-10 km |
| Non prism | 1500m |
| Digital Display | Maximum: 9999999.9999 Minimum: 0.1mm |
| Accuracy | With prism: 2mm+2ppm, without prism 3mm+2ppm |
| Measuring Time | Tracking 0.1s, Fine 0.3s (optimal) |
| Atmospheric Correction | Automatic Correction by Inputting Parameter |
| Prism Constant | Automatic Correction by Inputting Parameter |
| Angle Measurement | |
| Measurement Method | Absolute Encoding |
| Diameter of The Raster Disk | 79mm |
| Minimum Reading | 1 " / 5 " Optional |
| Accuracy | 2 " |
| Detection Method | Horizontal: Four Sensors Vertical: Four Sensors |
| Telescope | |
| Image | Erect |
| Length | 154mm |
| Effective Aperture | 45mm (EDM 50mm) |
| Magnification | 30 X |
| Field of View | 1° 30' |
| Resolving Power | 3 " |
| Minimum Focus | 1.2m |
| Reticle | Illuminated, 4 Brightness Level |
| Compensation | |
| System | Dual axis liquid-electric |
| Working Range | ±4' |
| Resolving Power | 1 " |
| Sensitivity of Vials | |
| Plate Vial | 30 " /2mm |
| Circular Vial | 8' /2mm |
| Laser Plummet (Default) | |
| Type | Laser Point, 4 Brightness Level |
| Accuracy | ±1.5mm at 1.5M Instrument Height |
| Wavelength | 630-670nm |
| Laser Class | Class 2 /IEC60825-1 |
| Laser Power | <0.4mW |
| Optical Plummet (Optional) | |
| Image | Erect |
| Magnification | 3x |
| Focusing Range | 0.5m |
| Field of View | 5" |
| Accuracy | ±1.5mm at 1.5M Instrument Height |
| System Config | |
| Operating System | Android 6.0 |
| Processor | Mt6753 Octa (8) 1.5GHz |
| Internal Memory | RAM: 3GB; ROM: 32GB |
| Communication | |
| Interfaces | - Micro SIM - USB Type C (OTG) - TF Card |
| Network | 2G 900/1800 3G 2100/900 CDMA BC0 TDSCDMA A/F 4G LTE band1/3/7/38/39/40/41 |
| Bluetooth | Bluetooth 4.0 |
| WLAN | Dual-Band Single Stream 802.11 a/b/g/n RF for Data Link |
| Microphone / Speaker | Available |
| Display | |
| Type | Graphics, Color Touch Screen 1280*720 |
| Battery | |
| Type | Lithium-Ion, 7.4V |
| Operating Time | 8 Hours |
| Dimension | |
| Size | 200mm*170mm*350mm |
| Weight | 5.7kgs |
| Environmental | |
| Temperature Range (Operation) | -20°C~50°C |
| Protection | IP55 |