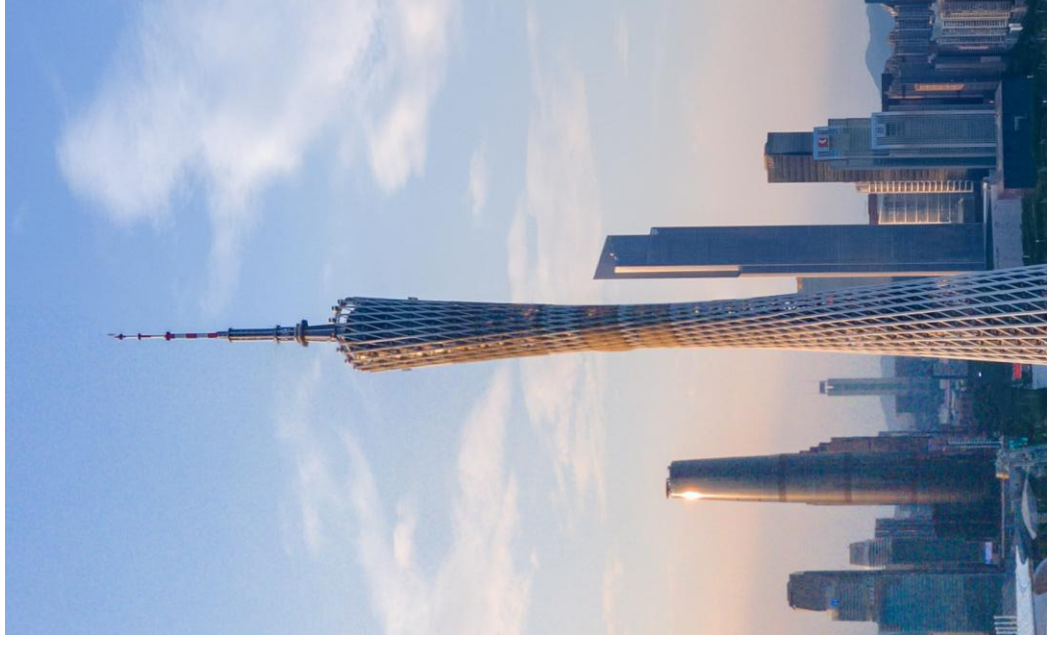


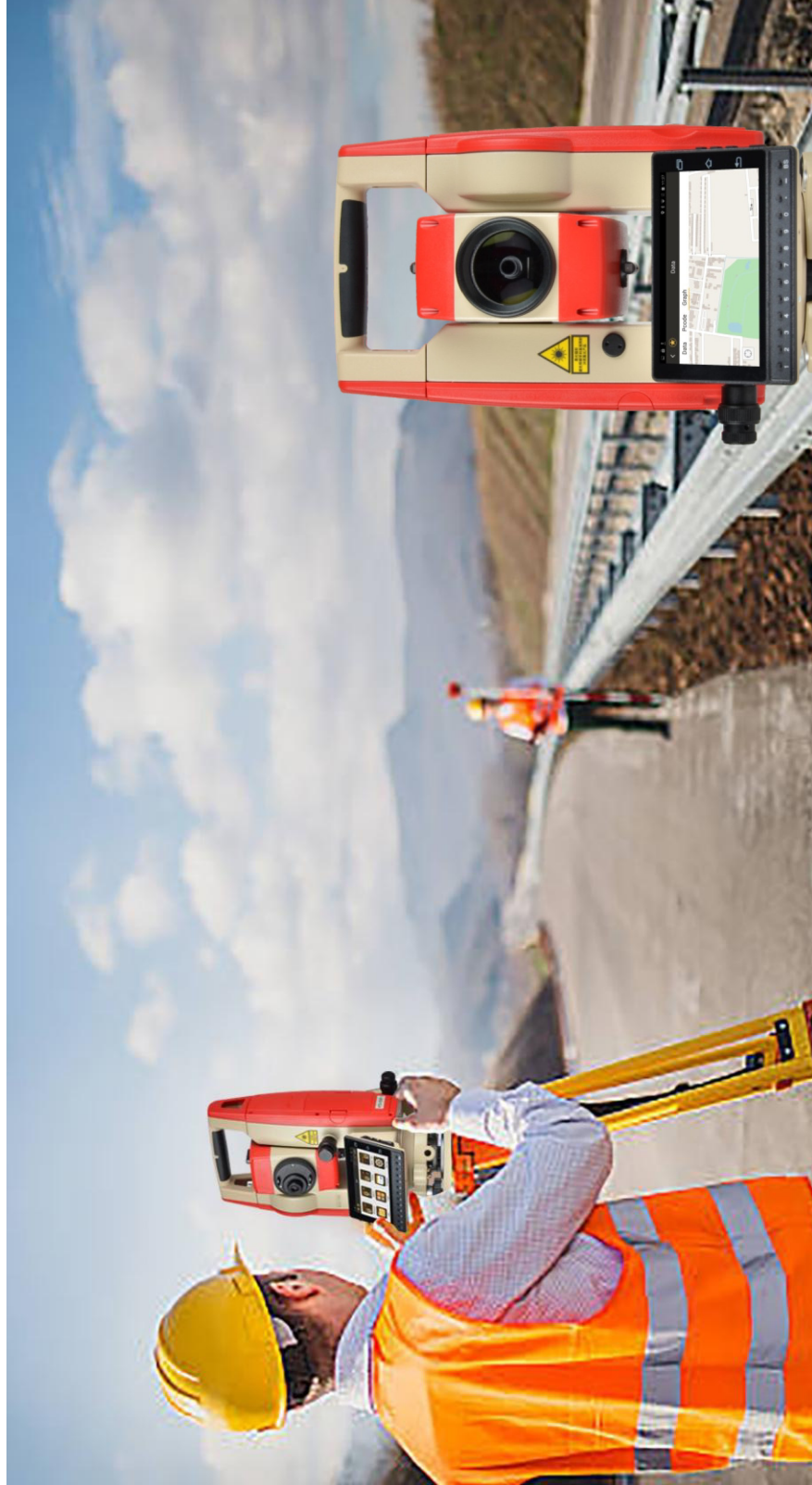
SPECIFICATIONS

| 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 Accuracy | 1 " / 5 " Optional 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, 8 Cores, 1.5 GHz |
| Internal Memory | RAM: 3GB; ROM: 32GB |
| Communication Interfaces | - Micro Sim Card Slot - USB Type C (OTG) - TF Card |
| Network | 2G 900/1800 |



Kolida's Vision and Mission:

Delivering more values to global users by providing sustaining innovation and uncompromising quality



Powerful

The Kolida KTS- 552 total station provides a reliable and efficient solution to users who need to work faster, measure and stakeout more points. Equipped with a 8-cores 1.5 GHz CPU, 3 + 32 GB memory, the system works much smoother and calculate much faster than old generation equipment. It also

Simple and Upgradable

KTS- 552 is powered by Android OS, easy to learn, combined with Kolida SurveyStar field software, it offers a simple and productive way of working.

Moreover, user can develop and install their own application into the system. to meet

Seven Major Improvements

To lift your capability and

TECHNOLOGIES



1500m Reflectiveless



Ultra Fast Measurement



Co-axial Laser Beam



Ultra Low-noise Amplifier



Noise Phase Analysis



Carrier Frequency



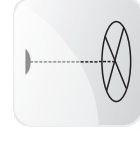
4G, wifi Bluetooth



USB Type-C



Dual Axis Compensation



Laser Plummet



Laser Pointing



IP55

PROGRAMS

Station:

Known Pt, Resection, Point to Line, Free Station...