SPECIFICATIONS

	TS-R10+
Measuring Range	
1P	5.0km
3P	8-10 km
Non prism	1000m
Digital Display	Maximum: 99999999.9999 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	0.1"/1"/5" (Selectable)
Accuracy	2"
Detection Method	Horizontal: Four Sensors Vertical: Four Sensors
Telescope	
Image	Erect
Length	154mm
Effective Aperture	45mm (DTM 50mm)
Magnification	30 X
Field of View	1° 30′
Resolving Power	3"
Minimum Focus	1m
Compensation	
System	Dual axis liquid-electric
Working Range	±3′
Resolving Power	1"
Sensitivity of Vials	
Plate Vial	30"/2mm
Circular Vial	8′/2mm
Laser Plummet	Yes
Data Storage and Communication	
Internal Memory	120000 points
External Memory	SD card (up to 32G)
Communication Port	RS-232, USB Pen Drive, Bluetooth
Display	
Type	Dual sides, 6 lines, Moon Light Display
Battery	
Power Supply	Rechargeable battery (3100mAH)
Voltage	7.4V DC
Operation Time	15 hours (NEZ), 24 hours (Angle Mode)
Dimension and Weight	
Dimension	160mm×150mm×330mm
Weight	5.7 kg
Environmental Specification	
Dust/Water (IEC60529)	IP66
Working Temperature Range	-20°C~55°C
Humidity	95%, non-condensing

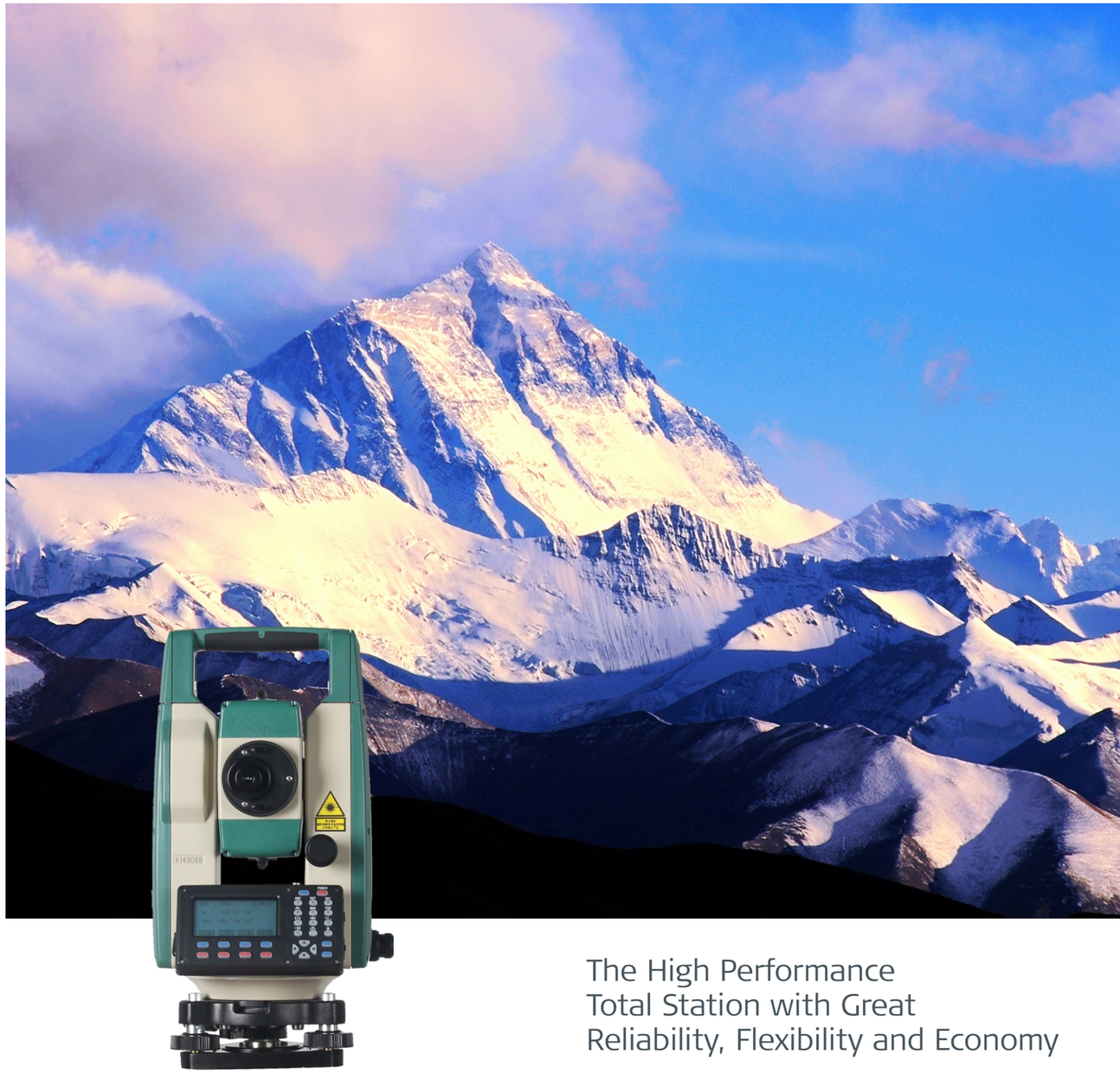
(a complete range of Civil Surveying Products...)

ASI

ROBUST Surveying Instruments

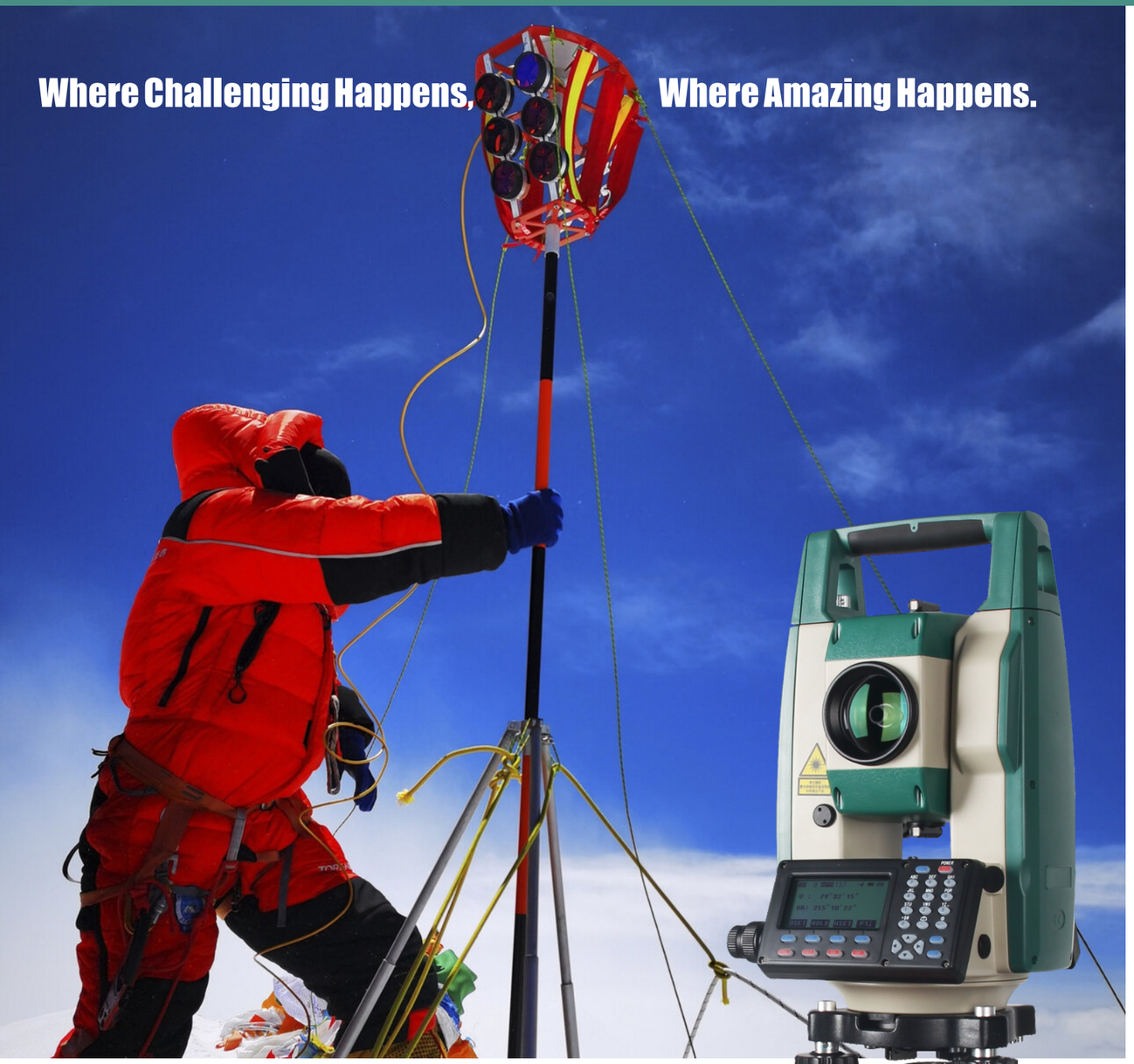
ROBUST

TS-R10+



The High Performance
Total Station with Great
Reliability, Flexibility and Economy

ROBUST



The spirit of exploration and challenge is just like the light, leading people to advance to new frontiers.

In March 2021, Advanced Surveying was chosen as the official equipment for INDIA'S national surveying team and reached the summit of Kargil & Leh Padam, Zanskar (Mount). During this mission of re-measuring the height of the Pensi La Top, these surveyors showed us that we should never give up trying to achieve our dreams.

To mark this important milestone, ROBUST launches a new total station R10+ ROBUST Series.

R10+ is the unknown,
R10+ is the impossible,
R10+ is the extreme,

Let'smeterallthe"R10+" with our skill, courage and wisdom.
Challenging Never Stops.

Seven Major Improvements

To lift your capability and productivity

TECHNOLOGIES

- 1000m Reflectorless
- Ultra Fast Measurement
- Co-axial Laser Beam
- Ultra Low-noise Amplifier
- Noise Phase Analysis
- Carrier Frequency
- Bluetooth
- SD Card Storage
- Dual Axis Compensation
- Laser Plummet
- Laser Pointing
- IP66

PROGRAMS

- REM
- Resection
- Road Design
- Column Offset
- Plane Offset
- Distance Offset
- Area Cal.
- MLM
- P/L SO

Video and Article: