



Geosystem Instruments Sdn Bhd

SURVEYING INSTRUMENTS CATALOG 2025/2026

SANDING

PENTAX

TI Asahi Co., Ltd.



KDS

WHO WE ARE

GEOSYSTEM INSTRUMENTS SDN BHD (formerly known as GEOSYSTEM SALES AND SERVICE) is trusted supplier for a wide range of surveying instruments, tools and accessories.

Our company was established since 2001. We are sole distributor for e-Survey, Pentax , KDS and Sanding in Malaysia. We are committed to providing high-quality products at competitive prices, complemented by prompt and professional customer service. Our goal is to be your one-stop solution provider for all surveying needs.

Our service center is fully equip with precise collimation tolls. The collimator was calibrated base on CS4F, quality system standard. Our technician was well trained and experienced!



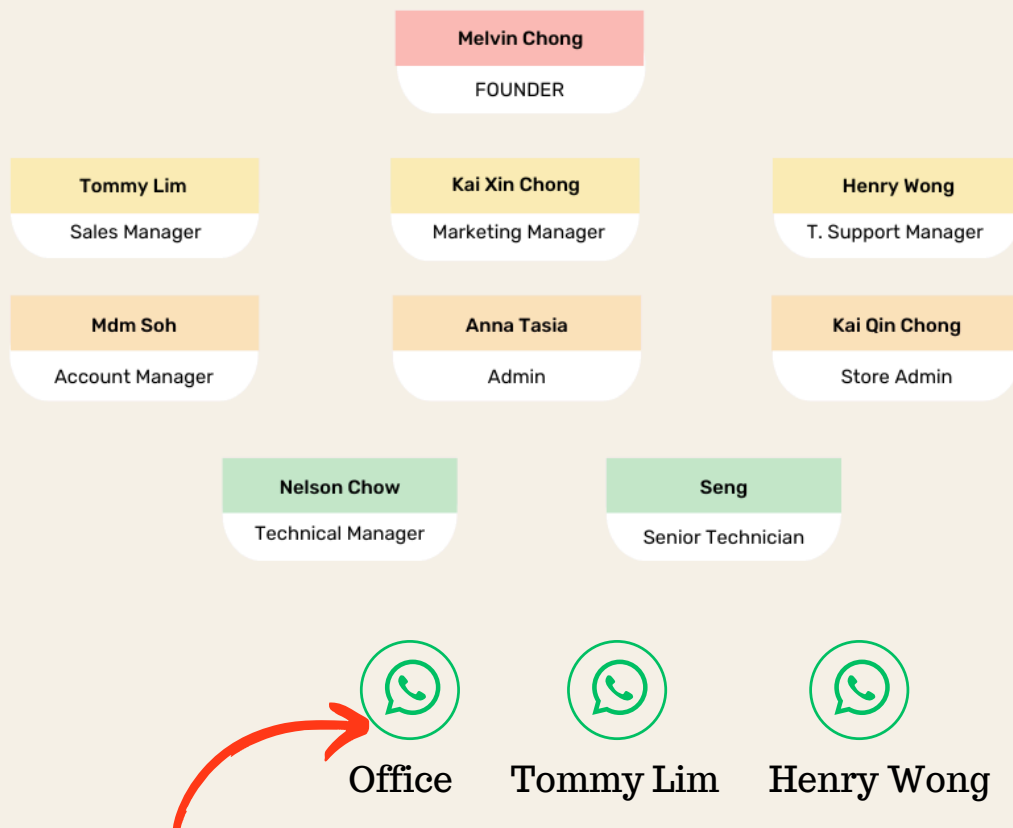
OUR VISION

is to be a leading Malaysia corporation in our core businesses.

We aim to build on our experience, strengths and values to:

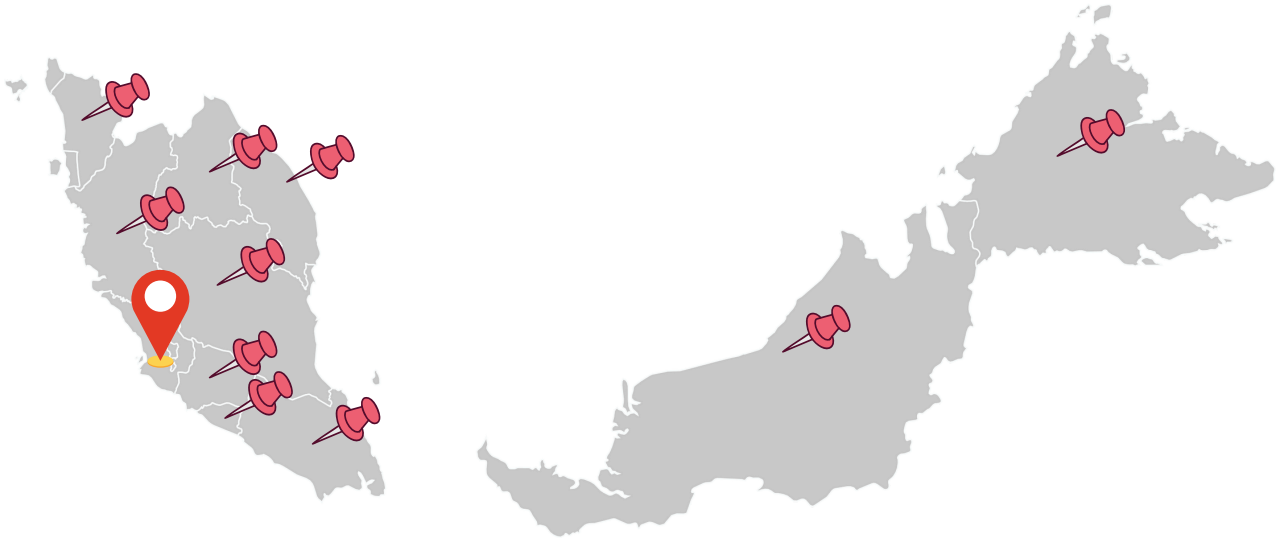
- Develop competitive and responsibly managed resources that meet or exceed regulatory standards
- Satisfy customer requirements with quality products and expand the customer base in Malaysia
- Ensures that products of the highest standard, backed up by fully after sales service and warranty support reaches the customer
- Adopt a proactive approach that is based on collaboration, transparency, trust and open communication with customer.

ORGANIZATION CHART



Click logo for chat

Our service coverage



Our service cover the entire Malaysia!!

By integrating public transportation with faster courier services, through our cooperation, we can deliver the goods to you more quickly. There's no need to worry about the long wait for your items.



Klang Valley



East Malaysia

WE ARE ALWAYS STANBY!

- 1 . Automatic level
- 2 . Laser Product
- 3 . Rotary Laser Level
- 4 . Theodolite
- 5 . Total Station
- 6 . Layout Navigator
- 7 . GNSS Receiver
- 8 . Handheld Scanner
- 9 . Machine Control
- 10 . Aluminium Tripod
- 11 . Target Prism
- 12 . Accessories and Others

Automatic Level



PENTAX AP-220 Series
24/28/32x Magnification
1.5 / 2.0mm Accuracy



TOPCON AT-B Series
24/28/32x Magnification
2.0 / 2 / 1.5 / 0.7mm Accuracy



GSS DS-C32
32x Magnification
1.5mm Accuracy

Precise Optical Automatic Level



PENTAX AL-M32
32X Magnification Telescope
0.7mm Accuracy



SANDING DZS2
32x Magnification Telescope
1.0mm Accuracy
**0.5mm Accuracy with micrometer(opt)

Precise Digital Level



SANDING SL15/07
32x Magnification Telescope
0.7mm accuracy for SL07
1.5mm Accuracy for SL15



SANDING SL03
32x Magnification Telescope
0.3mm accuracy
Invar Staff



TOPCON DL Series
28x/32x Magnification Telescope
0.4mm accuracy
New Super Invar Staff



Multiline Laser



TARGET SA-533G

4V1H1D Multiline laser
+1mm / 5meter Accuracy
Rechargeble Battery
+4 hours usage full charge



GSS SA-882EG

4V4H Multiline laser
electronic **GREEN** Line Laser
+1mm / 10m Accuracy
Rechargeble Li-ion Battery



KDS ML-2141 (JAPAN)

Japan Diode RED Line Laser
+1mm / 10m Accuracy
Stable Pendulum System
Warranty 1 Year



KDS ATL-66RG (JAPAN)

Japan Diode GREEN Line Laser
+1mm / 10m Accuracy
Stable Pendulum System
Warranty 1 Year

Optional : Laser Detector



Laser Plummet



SANDING ML-402

25x Magnification
Plate Vial Accuracy 20"/2mm
Easy to Operate
Warranty 1 Year



SANDING ML-401

25x Magnification
Plate Vial Accuracy 20"/2mm
Easy to Operate
Warranty 1 Year



Target Plate

Rotary Laser Level



Target RL-1R/RL-1G
Suitable for Horizontal Level
+- 20"(1mm / 10meter)



Target RL200/GL200
Horizontal and Vertical Laser
+- 20"(1mm / 10meter)
Rechargeable Battery



TOPCON RL-H5A
Self levelling Rotary Laser
Accuracy : +- 10"
Working Range 800M

OPTIONAL:



SAR-05
Digital Laser Detector
CW MM Reading



Theodolite



Pentax ETH-500 Series

2" Angle Accuracy
Easy to use
Large display on both side



eSurvey ET2A

2" Angle Accuracy
1", 5" and 10" Reading
Rechargeable Battery



Sanding ET-02 Series

2" Angle Accuracy
1" / 5" Reading
Rechargeable Battery



Topcon DT-300 Series

5" / 9" Angle Accuracy
Easy to use



Total Station



Pentax V-100 Series

600/1000m Reflectorless Measurement
2" Angle Accuracy
"Turbo X" EDM System
Trigger key



Topcon GM-50 Series

500m Reflectorless Measurement
2" or 5" Angle Accuracy
Fast, accurate and powerful EDM



Topcon GM-100 Series

1000m Reflectorless Measurement
1" / 2" / 3" / 5" Angle Accuracy
Trigger key



Sanding ARC5PRO

1000m reflectorless Measurement
2" Angle Accuracy
Friendly user onboard software
Trigger key



eSurvey eTS2

1000m Reflectorless Measurement
2" Angle Accuracy
Friendly User

Monitoring Total Station



Topcon MS AXII Series

24/7 Operation monitoring
0.5"/1" Angle Accuracy
Auto-collimation accuracy of 1"

Smart Total Station



Linertec LGP-302N

500m Reflectorless
2" Angle Accuracy
Window Operation System



eSurvey eTS8

1000m Reflectorless
2" Angle Accuracy
Android Operation System



Topcon GT-1200

1000m Reflectorless
1" / 2" / 3" Angle Accuracy
Hybrid positioning



Topcon OS-200 Series

500m Reflectorless Measurement
1", 2" or 5" Angle Accuracy
Magnet field software onboard

Layout Navigator

Topcon LN-60 Layout Navigator Self-leveling

0.9m~130m Measurement

5" Angle Accuracy

Leveling Range $\pm 3^\circ$

Stake a point within a minute!



LN-60 Layout
Navigator



Comparison of LN
and Total station

Topcon LN-160 Layout Navigator

Connect with Topcon Field Software:

- ***A collaborative and intuitive tool(Collect points,lines,areas,cross sections,surface,and auto topo points.)***
- ***Stake points(Points,lines,offsets,roads,surface,slope,and real time roads.)***
- ***Real Time Roads(See all the road stakeout information on one screen as you stake anywhere along the road design in real time.)***
- ***Data exchange(Exchange data locally via USB Stick,USB cable,or more commonly connect directly to your private and secure Topcon Enterprise account.)***
- ***DTM Calculations(Collect volume topography and generate contours,surfaces,and calculate volumes while in the field.)***



GNSS Receiver



eSurvey eRTK10

AR Visual Stakeout Receiver

Battery indicator
Built In Single Camera
60 degree Tilt Survey



eSurvey eRTK20

AR visual STAKEOUT Receiver

Built-in Dual Camera
Multi Constellation and frequency
60 degree Tilt Survey



eSurvey eRTK30

AR visual SURVEY Receiver

Built-in Dual Camera
Multi Constellation and frequency
60 degree Tilt Survey



eSurvey e200

Designed For Rover

6800 mAh Built-in battery
Light Weight and Compact



eSurvey eBase20

Designed For Base

Light Weight and Compact
2024 New Model



eSurvey e300PRO

Best Performance Receiver

Multi Constellation and frequency
60 degree Tilt Survey
IP67 Dust & Water Resistance



eSurvey e800

Your Power Base Station

Built in 5W Radio
8-10KM Link Typically(Max 15KM)
13600 mAh Built in Battery
1.45-Inch Touch Screen Display



eSurvey e600

Best Performance Receiver

Multi Constellation and frequency
60 degree Tilt Survey
Hot-Swap Battery
IP67 Dust & Water Resistance



eSurvey Flagship ERTK60

Your AR Base/Rover Receiver

Built in 1/2W Radio
3-5KM Link Typically(Max 15KM)
Hot-Swap Battery
1.1-Inch Touch Screen Display



eRTK30

GEOSYSTEM INSTRUMENTS SDN BHD



GNSS Receiver



Sanding Shikra T7 PLUS
1598 Channels

6,800 mAH Built-in Battery
Farlink Protocol
60 degree Tilt Survey
IP68 Dust & Water Resistance



Sanding Taurus T9PRO
1598 Channels

Design for base station
Farlink Protocol up to 10km
10,000 mAh Built-in Battery
1.3 inch Display

Rugged Controller



H6



H10



P9IV



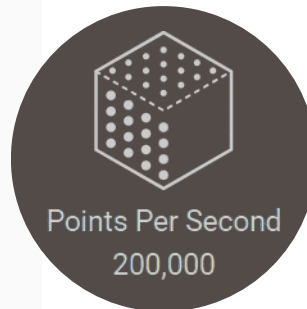
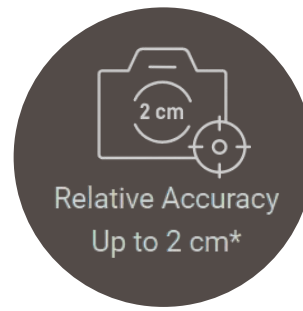
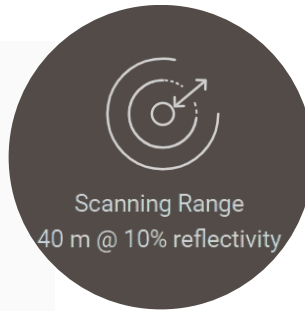
UT12P



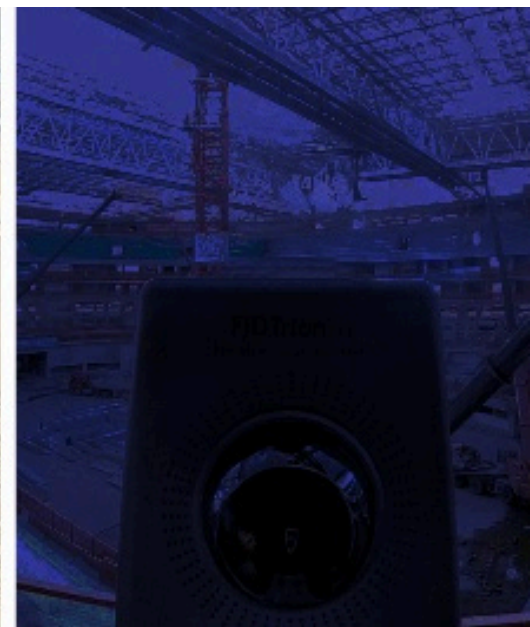
UT32

Handheld Scanner

NEW



Indoor, Outdoor, Underground, all Day Long
Wherever you go, the P1 can capture what you see.
Map the environment with intricate details inside and outside, from ornate architecture to hidden infrastructure, from forensic evidence to urban vegetation analysis. Powerful SLAM technology enables the P1 to work in direct sunlight or even at night, in locations that may be inaccessible with traditional methods.



Handheld Scanner

NEW



1.2 cm
Accuracy



Real-time
Colorization



Multi-SLAM
Algorithms



Georeferenced
Point Cloud



Multi-Scenario
Adaptation



Indoor & Outdoor
Scanning

Indoor, Outdoor, Underground, all Day Long

Wherever you go, the P1 can capture what you see.

Map the environment with intricate details inside and outside, from ornate architecture to hidden infrastructure, from forensic evidence to urban vegetation analysis. Powerful SLAM technology enables the P1 to work in direct sunlight or even at night, in locations that may be inaccessible with traditional methods.



Machine Control

Topcon Machine Control for excavator

- *Cut grade faster and more accurately*
- *Create, cut, and check complex design from the cab*
- *Increase safety by removing extra surveying personnel from the excavator's work area*
- *Rugged colour touch-screen control box display blade position and distance to design*
- *Backwards compatible with existing Topcon MC systems*
- *Reduce staking on jobsite almost entirely*
- *Control materials to your advantage*
- *Complete projects on time or ahead of schedule*



TOPCON LS-B110 On-grade laser receiver for machine automation

Rugged and waterproof design
360 degree detection



Aluminium Tripod



Target TGT-G2



Target TGT-G1



J2 Tripod



GST-103



Dual Lock Tripod



Laser Tripod

Target Prism



MPU5A



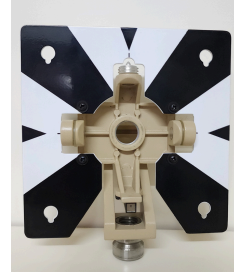
ADS-16



ADS-11



ADS-18



Prism Holder



Tribach adaptor



Tribach



Round Prism



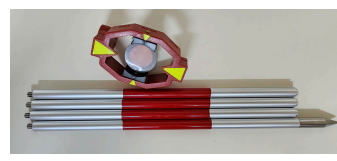
Adaptor



MG1500 & DMP9



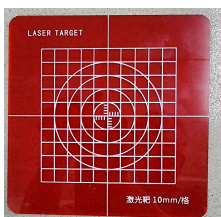
Pentax Mini Prism And Pole



GMP111-0



ATS-106



Target Plate



Monitoring Prism



360 Round Prism

Tape and Measuring wheel



30m Fiberglass Tape



30m/50m Nylon Coated steel tape



Trumeter 5500/5500E

Surveying Marker & nails



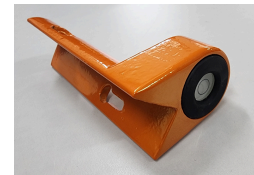
35mm nails



nails and marker



Settlement Observation
Point Protection Box



Clib On Bubble

Hard Case & Soft Case



GNSS Hard Case



Autolevel Hard Case



GNSS Soft Bag



Total Station Hard Case

Prism pole and Carbon fiber pole



2.5m
Carbon fiber
pole



2.15m / 2m / 5m / 8m Prism pole

Bipod



Target BI-3

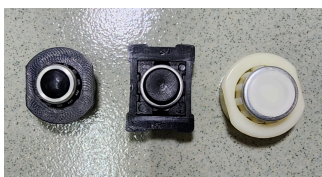


Target BI-2

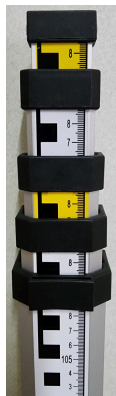


Com-Stand

Levelling Staff



Levelling Staff
Button



5m Levelling Staff

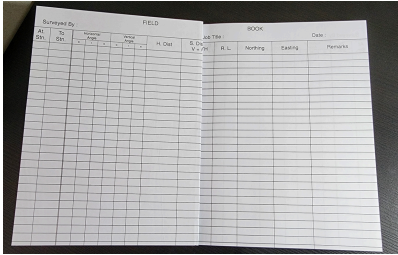


7m Levelling Staff

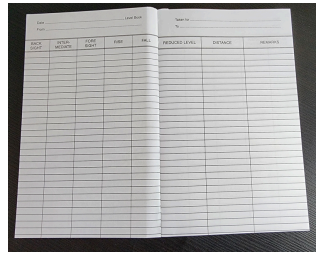


5m Barcode Staff

Others



Field Book



Level Book



Diagonal Eyepiece



Sunglass



RTK BL10000 Battery Set



Survey Umbrella with spike



Btech Walkie-Talkie



Concrete Test Hammer



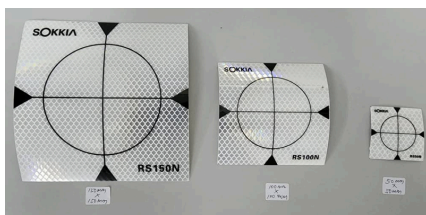
Pole Bracket with Phone Holder



Topcon Download Cable



LCD with plastic body



Reflector Sheet