



GPT-7000i

**WINDOWS CE
TOTAL STATION**

GPT-7000i Series, Imaging Total Stations

Capture Reality

Topcon's GPT-7000i Series Imaging Total Stations are the world's first to incorporate the latest in digital imaging technology and to enhance field data collection. Featuring built-in CCD camera for capturing digital images, precise and long range EDM, TFT colour graphic display, the latest Windows CE and much more.



The unique technique in capturing reality extends the range of applications for the use of Total Stations.

The imaging technology allows the telescopes image to be viewed directly on the instruments full colour Windows CE display. Easier to point and get a desired feature!



Custom coloured lines and points overlaying the real-time digital image gives direct field information to the surveyor. Producing an additional view of the represented data!

Reality is captured by storing the image along with the survey data!

Surveying changed forever

Imagine an image?

No more missed points during a field survey! Recall the surveyor's situation in the office! Add digital photos to control point registration! Easily determine the corner of a house! Get digital proof of any situation combined with survey data!

- Easy identification and simple visualization of surveyed points
- Use site observed digital images to show recorded positions
- Staking Out points superimposed on real-time views
- Use Auto Edge Extraction to quickly and precisely define corner position
- Instant visual record of control points to aid relocation





Build-in 2 CCD Camera

One CCD Camera build-in the telescope for finder view and one CCD Camera for wide view. Nothing will be missed!

Field Images are recorded with Field Coordinates data

Large 256 MB internal memory and Compact Flash Card slot.

Graphical Display boosts productivity

Full colour touch-sensitive display visible in all conditions. Easy to operate.

Precise and Long Range Non Prism EDM

Measurement range up to 3000 m to a single prism and up to 250 m Non Prism measurement using a Class 1 laser.

TopSURV OnBoard for GPT-7000i

Topcon's TopSURV OnBoard comprehensive survey software runs on Windows CE.net platform for speed and familiarity.

Data Communication

Data communication via industry standard Compact Flash, USB and Bluetooth for GSM/Internet data transfer. Data transfer in every possible way! Get online in the field!

Compatibility

GPT-7000i Series are full compatible with all other Topcon Robotic & GPS+ Surveying solutions and additional imagery software modules.



GPT-7000i: 4 models

GPT-7001i	(1" / 0.3 mgon)
GPT-7002i	(2" / 0.6 mgon)
GPT-7003i	(3" / 1.0 mgon)
GPT-7005i	(5" / 1.5 mgon)





More than 70 years of experience

For 70 years, Topcon has been a leading manufacturer in industrial, medical and positioning enhancement tools. This broad experience has created a basis for Topcon's wide product line for basically every positioning need, whether it's for construction or surveying applications. For the construction industry, Topcon offers a complete range of innovative laser and sonic solutions, including industry-leading products for interior, utility, general construction and machine control applications. For surveying applications, Topcon manufactures and supplies a complete range of optical measuring products, from digital and optical levels to theodolites and robotic total stations, and a full line of GPS+ satellite positioning solutions.

Product & Service support

To assure that your Topcon product maintains peak performance, your local Topcon dealer offers factory trained certified service technicians. And just in case service assistance isn't available in your area, our Europe wide network of Topcon offices, offer repair and return service policies second to none.

Innovation, not imitation

During the last decades, Topcon has brought many innovative solutions to the industry, which offers the contractor significant productivity increase and greater ease of use. That's the key to leadership, and the reason Topcon is the world's leading supplier of laser and surveying instruments. Some examples of unique Topcon technologies:

- Waterproof auto level
- The integrated total station, 'The Guppy'
- The compact coaxial total station (GTS-1)
- World's First laser with beam scanning technology
- The first waterproof total station
- GreenBeam® visible construction lasers
- Automatic excavator control system
- World's First 3-D machine control (3D- MC™ LPS)
- 5" Grade laser with automatic alignment & remote control
- Horizontal self leveling laser with liquid compensator
- First robotic total station with instant beam lock system (GTS-800A and RC-2)
- First satellite-directed automatic 3D machine control system (3D-MC™ GPS)
- GPS+: GPS and GLONASS
- mmGPS: GPS flexibility with total station accuracy



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