

-40°C to +85°C	-40°F to +185°F
100% condensing	
Complete protection against dust ingress. Protected against immersion up to 1.0 m (IP67).	
2.0 m pole drop	
RTCA/DO-160C; MIL-STD-202G	
2 x RS232, 1 x USB, 2 x <i>Bluetooth</i>	
1 x power	
Single-button operation for power, receiver reset and file management	
LED display status indicators	
Power, battery life, satellites tracked, available memory, occupation timer, communications status	
Audible notifications for receiver status information; available in a variety of languages	
Message Formats	
64 MB standard, upgradeable to 2 GB	
500 hours at 10 second interval (6 SV)	
RTCM, RTCM V3.0, RTCA, CMR, CMR+, NTRIP, NMEA-0183 out, PPS out, Mark in	
20 Hz	
380-470 MHz (Tx/Rx) Selectable 10 mW to 1 W	
850/1800 MHz or 900/1900 MHz band	
Yes. Fully supported.	
Internal Pinwheel™ GNSS antenna	
Number of satellites used, obstructions, satellite geometry (DOP), occupation time, occupation conditions, baseline length, survey procedures and data quality.	
Position. DGPS support includes WAAS and EGNOS.	
Minimum unobstructed observing conditions, 7 satellites and a baseline length of 100 m.	
Receiver without cables attached.	
All serial ports for a total of 5 concurrent serial connections.	
Languages: English, French, Chinese, Russian, Italian, Portuguese, Korean, General Tones.	
Works with serial connection, such as Pacific Crest and SATEL UHF radios, and Bluetooth-enabled mobile phones.	

Fully Integrated High-Performance GNSS System

Your Authorized SOKKIA Distributor Is:

ceiver from
ite tracking
se required.
first and only
ield. We think



Our best GPS system yet?

(Absolutely!)

Convenient rover setup.

Quick and easy setup requires only a range
rod, data collector with bracket and the
GSR2700 ISX receiver – no cables
necessary!



Multiple Bluetooth connectivity.

Connect to multiple Bluetooth wireless
peripherals for cable-free convenience,
extending range and unmatched reliability

Clear messages.

Only receiver
designed to provide audible status
information in the field



Available in English, French, Spanish,
Japanese, Italian, Russian, Portuguese,
Cantonese, Chinese and generic tones

Superior LED display panel.

Easy-to-read, informative LED display panel
provides all the information you need to
complete the job quickly and accurately
Provides status indicators for satellite
tracking, battery life, remaining memory,
operation time and
communications



Environmentally sound.

First GNSS receiver to offer complete
compliance with the European Union's
EMC directive

The GSR2700 ISX System

- Multi-frequency GNSS receiver and antenna, Bluetooth wireless technology, memory, batteries and internal data link in one compact enclosure
- Allegro CXTM data collection hardware
- SDR+ data collection software
- Spectrum Survey Suite post-processing software
- Rugged, field-ready carrying case

Data Collection



SDR+ data collection software.

- Use SDR+ data collection software and Allegro CXTM with SOKKIA GPS instruments, conventional and motorized Total Stations all on the same job
- Easy-to-use, icon-based interface



- Customize the screen to display your most commonly used functions
- Standard Windows® pull down menus for ease of use with minimal training required
- Fully live editable database
- Swap between coordinate systems with the push of a button
- Perform surveys in one coordinate system and download in any other system as required, including local systems
- Edit errors in the field, such as Target or Antenna height errors, "on the go" and get immediate recalculation of coordinates – no need to edit after the survey
- Use control points from any coordinate system – transformation into your current coordinate system is instantaneous
- When working on the edge of a zone, download data in both zones as required
- Perform ETS surveys and assign/change backsights at your convenience

(Tribrach and tribrach adapter included with base kit only.)

Spectrum Survey Suite post-processing software.

(optional software / not included)

- Complete Windows®-based software package

Ready for Galileo.

Our technology partner
is on the cutting edge
of GNSS technology.
They are also the first
non-European company
to be accepted as a Full
Member of Galileo
Services.

