

SETTOP

SETTOPsurvey_{SL}



Advanced Technology in Surveying Communication



Settop M1



Settop Repeater



Settop RadioLink



Settop CellXtrem

Geopositioning & Survey Equipment

SETTOPSurvey offers a variety of innovative hardware products built for the geopositioning and survey market, a selection of which are detailed here.



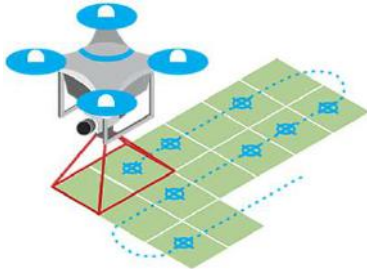



<p>SETTOP M1 GNSS Receiver and Total Station Controller</p> 	<p>The Settop M1 is a Base, Rover and Infrastructure Base GNSS receiver that permits the connection of external sensors, various communication modes such as radio, Wi-Fi, Bluetooth, Ethernet and GSM, GNSS data management and also, if desired, the performance of monitoring tasks. This provides a versatility that is unique in a receiver of such characteristics. Moreover, the possibilities of the M1 can be further expanded to 2D or 3D positioning with the Settop M1+3.</p>
<p>SETTOP Repeater</p> 	<p>The Settop Repeater with its intuitive software allows Rover-RTK network users to work in areas of low or no GSM coverage by receiving differential corrections via radio. A simple and ideal solution in areas of hilly terrain, for applications including survey, machinery control, marine works and agriculture.</p>
<p>SETTOP RadioLink</p> 	<p>The small and lightweight Settop RadioLink is a base and repeater radio (1W 390-470 MHz) solution for a radio link. It's easy to setup with removable batteries, supports various transmission protocols and is compatible with most market based receivers, including its sister product, the Settop Repeater, attaching directly to its rear to provide a professional, bespoke radio package with no connecting cables.</p>
<p>SETTOP CellXtrem</p> 	<p>The Settop CellXtrem is an industrial modem with 3.5G HSDPA connection that is a dedicated and reliable solution to provide or receive NTRIP corrections when connecting to a GPS receiver, and just using a SIM card without any need of a static IP. Compatible with most GPS receiver makes, it allows users of new and old devices an option hitherto limited to high-end or infrastructure receivers.</p>
<p>SETTOP OctoHub</p> 	<p>The Settop OctoHub opens up a range of possibilities for the user to connect to many sensors and devices via the Settop M1. With multiple communication ports integrated in a single device, issues like complex cable counts in scenarios of reduced space and losing data from a specific sensor can be forgotten. All of the data needed for all types of surveying work will be within easy reach for quick and easy analysis.</p>
<p>SETTOP External Battery II</p> 	<p>The Settop External Battery II is a high capacity battery for surveying instruments, allowing operators to work for longer with their GNSS receiver, scanner or total station. It is constructed with high quality components, has been specially designed for outdoor use, and has different options to suit different brands and requirements.</p>

◆ Geopositioning & Survey Equipment continued...

<p>SETTOP Solar Power System</p> 	<p>The Settop Solar Power System enables powering of permanent monitoring installations in remote places where unable to connect to a source, and can also be an auxiliary system. It has a rugged IP65 rated design and is compact for easy installation and movability. The system is mounted on an aluminium structure with the option of one or multiple 250 W panels, and a metal controller storage box and airtight box housing 100 Ah batteries completes the installation.</p>
<p>SETTOP IP Camera</p> 	<p>The Settop IP Camera broadcasts real-time images working with the Settop M1. It is easy to setup and has flexible compatibility, and comes equipped with a detachable 2.4G 3dBi antenna enabling a strong wi-fi signal with longer distance than 5G. The camera features full HD 1080 pixel resolution 1920*1080 at 25 fps, and a remarkable field of view with its high quality optical 2 MP lens with 98° view angle and night vision range up to 66 ft by 30 strong IR LEDs.</p>
<p>SETTOP ALT-EA450</p> 	<p>The ALT-EA450 is a powerful, IP67 and MIL-STD-810G rated PDA with high functional performance, suitable for field work in any environment. This handheld computer comes equipped with wi-fi, Bluetooth, 3G, GPS, 5 MP and 2 MP rear and front cameras and a 4.3 inch touch screen, and gives the user the ability to streamline routine tasks, improving productivity and customer service.</p>
<p>SETTOP DL-15 Digital level</p> 	<p>The DL-15 digital level with integrated software delivers consistent accuracy, productivity and performance. Accuracy of measuring heights of 1.5 mm is achieved by electronic reading of a barcode sight, it has a distance measurement range of 100 m and an internal data warehouse of 16 GB. It is economical, very easy to use and has common measurement routines such as height, elevation calculation, height difference and rethinks.</p>
<p>SETTOP RM3D & RM3D Light</p> 	<p>The RM3D and RM3D Light are advanced systems for control of design, monitoring, data collection and set out of rail track. They incorporate different methods of measurement, namely data collection to carry out surveys to find out the current state of the track; set out for spatial positioning and assembly of the track; monitoring to control laying of the track; and verification for controlling assembly of the track.</p>
<p>SETTOP M3D</p> 	<p>The M3D ruler is the solution for the rail embedded assembly, providing all the advantages of a cart when a cart cannot be used. This ruler has a long battery life, and includes high accuracy digital sensors and a Bluetooth module for communicating with the field controller. The M3D allows for relative measurement of the rail or absolute measurement when used together with a total station.</p>

❖ Software & Services

SETTOPSurvey offers a comprehensive range of software and services, as shown here, for use with their unique hardware making SETTOP the stand out option for all survey requirements.

<p>SETTOP IST Connect</p> 	<p>IST Connect is a cloud service to control survey devices via the internet. Starting a communication monitoring project is challenging, and getting data from the field to the office in an accurate and timely manner involves high expertise. With IST Connect there is no need to worry about a static IP, complex communication settings or contracts with cell phone providers because this cloud service does it all in an easy and efficient way.</p>
<p>SETTOP Neptune</p> 	<p>Settop Neptune software works with the Settop M1 for solutions to problems of maritime works. In the range is Neptune Crane for block positioning; Neptune Boat for hopper barge control; Neptune Case for positioning of floating caissons; Neptune Bathymetry for bathymetric control; Neptune Dynamics for positioning of precast structures; and Neptune Drilling for positioning of a pile rig for pile drilling.</p>
<p>SETTOP Drone</p> 	<p>Settop Drone is utility software for UAV data post-processing and geodesic calculations. It allows easy transfer of flight data from drone to photogrammetry software, and makes it simple to move the whole flight to specific real coordinates. The software also enables addition of flight displacements in 3D, photo metadata modification, post-processing of flight or base directory, and export of data to ASCII format.</p>
<p>SETTOP GPS FieldSoftware</p> 	<p>Settop GPS FieldSoftware is a complete solution for surveys, stakeouts and linear works. Settop GNSS receivers constitute unique and technologically cutting-edge equipment by virtue of their functions, and in the interest of managing all Settop technology, GPS FieldSoftware was created as a full intuitive field software for users and more demanding projects.</p>
<p>SETTOP SDK</p> 	<p>Settop SDK modules are 3rd party applications developed for use with Trimble Access, and include Settop Arch-e, a set of computer tools for recording and managing data during archaeological excavations; Settop Athletics for quick and accurate measurements for 6 different sports; and Settop Level Me for accurate leveling with a total station.</p>
<p>SETTOP DataConvert</p> 	<p>Settop DataConvert is the perfect complement for survey work as a conversion software encompassing basic operations performed by any surveying and geodesy professional. It is model conversion software with key features including its module for converting layout points and axes to other formats, variety of transformations, and possibility of not only converting the collectors of the chief market brands but also conversions between survey softwares.</p>



SETTOPSurvey, based in Barcelona, Spain, designs and manufactures innovative products for land and marine surveying and positioning applications. SETTOPSurvey products are designed with a different strategy based on creativity, quality and uniqueness, with solutions tailored to the real needs of global markets and applied all over the world.

SETTOP's innovative design and technology has secured the company a niche in the monitoring market in the form of the M1-15 all-encompassing monitoring solution package, including unique software integration with their exclusive IST Connect cloud service. SETTOP's other innovative hardware products include the M1 GNSS receiver, CellXtrem with NTRIP correction module, the GSM to UHF Radio Repeater coupled with its sister product RadioLink, and lightweight lithium-ion batteries all built for the survey market. Their unique hardware, coupled with a comprehensive range of software makes SETTOPSurvey the stand out option for all survey requirements.

SETTOP products are applied in a range of sectors, including surveying, construction, agriculture, civil and marine engineering, monitoring, bridge building, tunnelling, mining and rail.

For more information visit <https://settopsurvey.com/>



CONTACT US

Scancom Radio Communications

The Hereford Barn, Cudham Tithe Barns,
Berry's Hill, Cudham, Kent, TN16 3AG, UK

Email: info@scancomrc.co.uk

Tel: +44 (0)208 669 8212

Website: www.scancomrc.co.uk