

SETTOP REPEATER

NETWORK RTK REPEATER VIA RADIO/RS232.



Land Surveying



Bathymetry



Precision
Agriculture/
Machine
control



ALLOWS ROVER-RTK NETWORK USERS TO WORK IN AREAS OF LOW OR NO GSM COVERAGE BY RECEIVING DIFFERENTIAL CORRECTIONS VIA RADIO.

With only one internet connection received by the integrated GPRS module. The Settop Repeater allows multiple users to work using a radio link through the transmission of the corrections by the connected radio. The operator will also benefit from working with NTRIP corrections in areas of low or no GSM coverage. Repeater field application versatility is managed by an intuitive software controlled with a touch screen. The hardware design and field applications versatility make Settop Repeater a solution for land surveying applications, marine works, machinery control and agriculture.

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Product Specifications:

HARDWARE	
GSM	Quad-Band GSM 850/900/1800/1900 MHz
	GPRS multi-slot class 12
	GSM release 99
GPS	Receiver 16 channel, L1 1575.42 MHz
	Accuracy Position: 2.5 m CEP; 5.0 m SEP
	Position with DGPS/SBAS: 2.0 m CEP; 3.0 m SEP
	Support of SBAS (WAAS/EGNOS) data
	A-GPS enabled
	Tracking sensitivity: -157 dBm
	Date WGS-84
	Start-up Time - Hot start: < 3.5 s - Warm start: 33 s - Cold start: 34 s
TOUCHSCREEN	Outdoor color screen
	Resolution: 320x240
BLUETOOTH	Service: RFCOMM
DIMENSIONS	115 x 80 x 33 mm
GENERAL	Temperature range - Operation: -30°C to +85°C
	Temperature range – Storage -45°C to 95°C
	Ingress protection IP54
	Duralumin manufactured by CNC
ELECTRICAL SPECIFICATIONS	Power supply 10Vcc to 15Vcc +-0.5
	Power consumption depending on GSM operation mode
FIRMWARE	
FEATURES	• Radio module management Channel, baudrate, protocol
	• GSM management APN, user, password
	• Casters management Allows storage X users diferents profiles Name, url, user, password, port.
	• User-friendly
ADDITIONAL SOFTWARE	
PC MANAGEMENT SOFTWARE	• Repeater firmware update
	• GSM firmware update
	• Casters management (User profiles) - Create/Edit/Save customs casters - Import/Export Repeater casters

