

ETM770-PRO

CELLULAR SIGNAL ANALYZER

COVERTEL
TELECOMMUNICATIONS GROUP



ETM770 is a handheld battery powered device, which is used to measure the coverage and multiple parameters of all 2G/3G/4G/NB1/NB2/CatM1 cellular operators at a particular location. The ETM770 is an excellent tool in order to quality assure remote sites including 2G/3G/4G/NB1/NB2/CatM1 modems as large smart meter installations.

By measuring parameters like signal strength, base station and cell information, the best operator and antenna configuration can be selected.

SIGNAL ANALYZER FOR CELLULAR 2G/3G/4G/ NB1/NB2/CATM1 NETWORK MEASUREMENTS

FEATURES

- OLED display with backlight
- SMA/FME antenna connector
- Rechargeable battery with over 6 months standby time
- Log signal-parameters over long periods to a server
- Includes antenna, hard case and charger

BENEFITS

- Check 2G/3G/4G/NB2-IoT/CatM1 coverage anywhere
- Easily determine the best operator available in that area
- 2G/3G/4G/NB2-IoT/CatM1 world wide wireless coverage
- Select the most suitable antenna
- Send measured data to ETM IoT cloud dashboard
- Check parameters like Lac, cell etc.
- Check working IP connection
- Log GPS position
- Only a single antenna and SIM-card needed



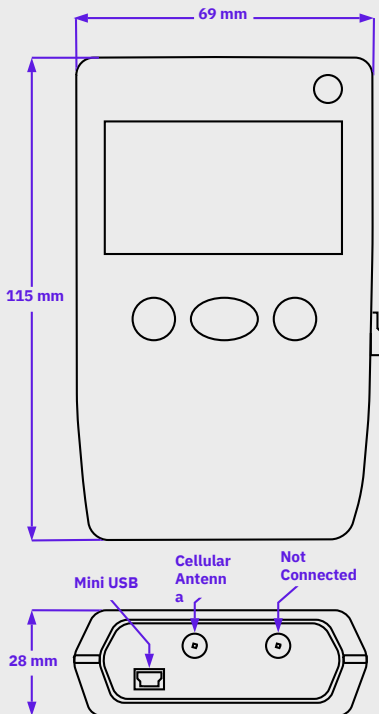
APPLICATIONS

- Ensure good cellular connection on site
- Determine optimal network operator
- Optimize battery-life in remote units
- Readout of network information
- PING Test
- ETM IoT Dashboard Compatible

INPUTS

- USB 2.0 and power over USB
- SMA antenna
- Mini SIM (2FF)

PHYSICAL DIMENSIONS



The ETM770 support features as selection of specific radio band frequency for scanning, opening and closing of ISP connection for IP connectivity testing, display of detailed cell information etc.

SPECIFICATIONS

Model	ETM770-PRO
Part.no	20595
Module	Cinterion PLS63-W + Cinterion TX62
Cellular	2G, 3G, 4G (LTE Cat.1), LTE-M, NB1,
GNSS(GPS)	NB2 GPS/BeiDou/GLONASS/Galileo
Frequency/bands	GSM/GPRS (2G): 850/900/1800/1900 MHz UMTS (3G) Bands: 1, 2, 3, 4, 5, 6, 8, 9, 19 FDD-LTE (4G) Bands: 1, 2, 3, 4, 5, 7, 8, 12, 13 18, 19, 20, 26, 28, 66 FDD-LTE (M1, NB1, NB2) Bands: 1, 2, 3, 4, 5, 8, 12, 13, 18, 19, 20, 25, 26, 27, 28, 66, 71, 85)
Dimensions	115 x 69 x 28 mm
Weight	130 g
Battery	Lithium Polymer (LiPo) 3Ah rechargeable (Mini USB)
Battery Lifetime	Scanning mode: More than 48 hours Standby mode: More than 6 months
Screen	2,4 inch OLED 128x64 display
Operating temp.	-20°C to +55°C
Antenna	External SMA/FME (with supplied adapter) + internal GNSS antenna
Interfaces	Mini USB connector for programming and recharging
Included items	Mini USB cable, SMA to FME antenna adapter, stub antenna, hardcase, manual, car charger, main charger.

Need local support?

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