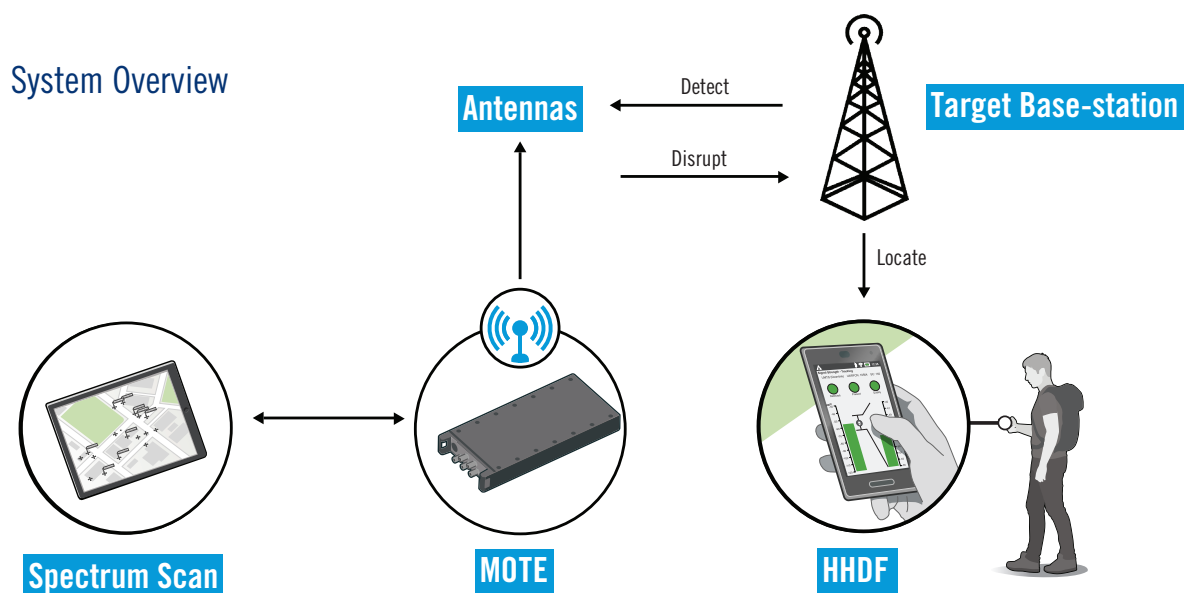


## TCSM - MOTE

Survey, Identify and Disrupt Surveillance



Mobile communications are used widely within secure areas such as embassies or other government buildings. External attacks on these communications is an ongoing threat. The TCSM – MOTE is a compact unit for the identification, location and disruption of ‘fake’ cellular base stations/IMSI Catchers, and can be deployed within the perimeter of secure areas to monitor the cellular environment.

Additionally, the system has the capability to identify and control usage of cellular devices in the area, such as cell phones & bug backhaul devices.

### Features & Deployments

- Ability to detect suspicious base station activity in the target area:
  - Variation suspicious levels assigned dependant on a wide host of monitored parameters
  - Visual prompt including suspicious reasons
- Geo-locate the suspicious base station or cell device by combining with DTC's DF products
- Scalable – Link units together for desired number of channels & coverage
- WiFi or Ethernet connection of the GUI
- Cell Tower detail and analysis of surrounding cellular environment
- Continuous scan mode enables full-time unattended deployment
- Variety of deployments:
  - Infrastructure – Embassies, secure facilities etc.
  - Mobile – IP67 Rated for deployments
- Whitelist allowed cell phones in the target area
- Identify & deny service for bug backhaul

# TCSM-MOTE



## Survey, Identify and Disrupt Surveillance



**MOTE**

Channels	One (1)
Channel Range	GSM bands: GSM-850, E-GSM, DCS, PCS UMTS Bands: 1, 2, 3, 4, 5, 8 LTE (FDD) bands: 1-8, 10, 12, 13, 17, 20, 25, 26, 66 LTE (TDD) bands: 38, 40, 41
Protocol Support	GSM, UMTS, LTE
Size (mm)	193(L) x 90(W) x 28(H)
Weight	700g
Operating Temperature	0°C to 49°C
Environmental Rating	IP67

**Suspicious**

**Likely**

**Highly Likely**

When a new cell appears, a warning is provided to the user (yellow). The new cell is then interrogated and, if parameters are not consistent with a real network, the threat is raised further (orange or red). At this stage, personnel can be warned of the potential threat and appropriate action taken.

**S/W upgradeable to MOTE!  
(See datasheet)**

**For further information on TCSM-MOTE or any other of our range of surveillance solutions, contact your Sales Account Manager or one of our Regional Sales Offices, or email [solent.info@domotactical.com](mailto:solent.info@domotactical.com)**

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