

# SIGN4L

ActiveCell-B

# TACTICAL LOW POWER CELLULAR INTERCEPTION SYSTEM



SIGN4L has developed a man-portable covert low-power cellular system. This system allows detection, monitoring and location capabilities over 2G (GSM), 3G (UMTS) and 4G (LTE) network technologies. Note: interception at 2G and native 3G is in development and expected in FY2021.

# S P E C I F I C A T I O N S

## Use Case:

- Locate targets
- Intercept voice call and data connectivity

## Features:

- Covert operation. One backpack containing all necessary components for discrete stand-alone operation in sensitive areas.
- Lightweight, ergonomic and easy to use. Preprogrammed missions are possible with the man-portable and easily operated system, in urban or harsh environments
- Monitoring of complete network or specific targets, predefined or manually entered by operator
- Up to 6 BTS for simultaneous transmission across all available networks

Feature	Specification
<b>Operating Bands</b> (Configuration upon Purchase)	GSM: PCS 1900, DCS 1800, GSM 850, E-GSM 900
	UMTS: IMT 2100, DCS 1800, CLR 850, E-GSM 900
	LTE: DCS 1800, IMT-E 2600, E-GSM 900, DD 800
<b>Number of BTS</b>	6
<b>Power Amplifiers</b>	6x10W CW
<b>Antennas</b>	1 omni-directional RX, 1 directional TX antenna panel, GPS antenna
<b>Capabilities</b>	Identification, location, blocking all phones, DOS, downgrade to lower technology.
<b>Functionality</b>	Software defined radio – smooth transition between technologies.
<b>Scanning</b>	High end scanner supporting 2G/3G/4G
<b>Display</b>	Phone, Tablet or laptop
<b>Data</b>	Query, filter, import/export database
<b>Environmental</b>	Operation from -20°C to +45°C
	<15kg (including battery)
	up to 1 hour operation with internal battery