

# SIGN4L

ACTIVECELL

## AIRBONE CELLULAR SEARCH AND RESCUE



SIGN4L has developed a full SDR (software defined radio) airborne cellular search and rescue system. This system can locate targets over 2G (GSM), 3G (UMTS) and 4G (LTE) network technologies.

# SPECIFICATIONS

## KEY FEATURES

<b>Location</b>	Locating targets at 2/3/4G technologies
<b>Mobile operation</b>	Compact design facilitates installation on manned or unmanned aerial platforms.
<b>User-friendly</b>	Pre-programmed missions are possible with the easy to operate system.
<b>Customisable monitoring modes</b>	Monitoring of complete network or specific targets, predefined or manually entered by operator.
<b>Robust</b>	Up to 8 high power base stations for simultaneous transmission across all available networks.

## TECHNICAL SPECIFICATIONS

Operating bands (configured after purchase):

<b>GSM</b>	PCS 1900 (H/W ready), DCS 1800, GSM 850 (H/W ready), E-GSM 900
<b>UMTS</b>	IMT 2100, DCS 1800 (H/W ready), CLR 850 (H/W ready), E-GSM 900
<b>LTE</b>	DCS 1800, IMT-E 2600, E-GSM 900, DD 80
<b>Number of BTS</b>	Up to 8 base stations; total output power up to 250W
<b>SDR</b>	Software defined radio – smooth transition between frequencies and technologies
<b>Functionality</b>	High-end scanner supporting 2G/3G/4G
<b>Display</b>	Tablet, laptop
<b>Data</b>	Query, filter, import/export, database