

SIGN4L

ACTIVECELL-A

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.

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

KEY FEATURES

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

TECHNICAL SPECIFICATIONS

Operating bands (configured after purchase):

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