

# SIGN4L

## GPS-PROTECT AJ100-BT

# SMALL FORM. EFFECTIVE PROTECTION.



### **SMALL FORM-FACTOR PROTECTION FOR GNSS RECEIVERS AGAINST RF INTERFERENCE SIGNALS**

Designed for small form factor requirements, the SIGN4L GPS-Protect AJ100-BT uses advanced digital signal processing and array antenna technology to effectively protect GPS receivers from RF interference and/or strong jamming signals.

With three antenna options and easy installation, this solution for countering narrow band (NB) and broadband (BB) jammers is suitable for mini-UAVs, drones, guided weapons, and other GNSS receivers with small form-factor requirements.

# SPECIFICATIONS

## KEY FEATURES

- Small form factor for mini-UAVs, drones, guided weapons, and portable GNSS receivers Compact module
- Counters narrow band (NB) and broadband (BB) jammers
- Compact anti-jamming module
- Three antenna options:
  - Integrated antenna on the anti-jamming module delivers a compact and lightweight solution for small platforms (compact AJ100)
  - Compact wired antenna and AJ unit can be placed in different locations within the platform
  - 2 independent GNSS antennas connected and installed in platform location selected by the customer for maximum flexibility and adaptability
- Works with legacy GNSS L1 receivers
- Powered with 12VDC through RP-SMA connector
- Easy installation

## SPECIFICATIONS

GNSS protection	GPS L1, Galileo E1 and BeiDou B1
Single jammer	90 dB JSR (typical)
Number of RF-out channels	1
Number of antenna array elements	2 (external input model variant only)
Power consumption	4 W (typical)
Input voltage power supply	12 VDC (nominal), 4-16 VDC (maximum range)
Weight	< 200 gr