

DESCRIPTION

HEDGE-8016-C200 16-Channel GNSS CRPA is a multi-band, multi-array solution designed for advanced interference suppression and assured GNSS reception. Support for multiple GNSS constellations and signals ensures high availability and robust tracking performance in contested interference environments, making the solution suitable for platforms requiring high-end interference mitigation capability.

KEY FEATURES

L1/L5 or L1/L2 Band Support, user-selectable
 Multi-Frequency & Multi-Constellation GNSS Reception
 Up to 7 Different Jammer Suppression on Each Band
 Real Time Monitoring and Configuration in WebGUI
 Antenna Pattern Visualization
 FFT Spectrum Viewer
 Embedded GNSS Receiver

APPLICATION AREAS

Commercial Drones & UAVs
 Marine
 Autonomous Vehicles / Robotics
 Telecom Infrastructure

TECHNICAL SPECIFICATIONS

Antenna Array : 8 + 8 Element
 Simultaneous Independent Nulling: 7 + 7
 Nominal Jammer Suppression: > 50 dB
 J/S Performance: > 115 dB (with GNSS receiver)
 Frequency Bands: L1C, L1C/A, E1, B1C, B1I
 L2C, L2P(Y)
 L5, E5a, B2a

Operating Voltage: 9-36 V DC

Power Consumption: < 25 W

INTERFACE SPECIFICATIONS

Interfaces: Ethernet, RS-485, RS-232

Connectors: 1x SMA, 1x Micro-D

MECHANICAL SPECIFICATIONS

Dimensions: $\varnothing 200 \times 38$ mm

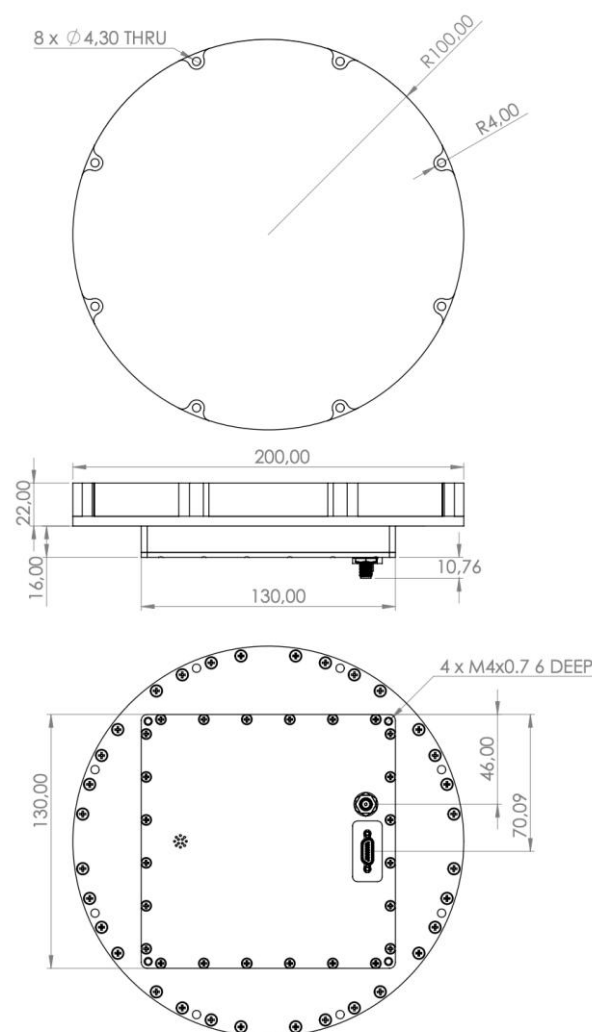
Weight: < 1380g

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature (Baseplate): -40°C to +85°C

Environmental Compliance: MIL-STD-810H

EMC Compliance: MIL-STD-461F



Unless otherwise specified dimensions are in millimeters.