DIGITAL META PTE. LTD

I-Meta GNSS Portable Elite Spoofing

Functional Specifications:

Reception and Processing Capabilities:
Receives and processes GPS/BDS/GLONASS signals.

Spoofing Capabilities:
Spoofs civilian GPS/BDS/GLONASS signals.

Drone Navigation Interference:
Jamming, spoofing, expulsion, pinpoint expulsion, real-time elevation spoofing, no-fly zone enforcement, pinpoint capture, trace capture.

Remote Command Control:
Remote control via UDP for spoofing, jamming, and expulsion.

Independent Control:
On/off and power control for spoofing and jamming signals.

Networking Capability:
Supports multiple equipment sets.

User Interface Software:
Displays flight path, navigation status, equipment status, and control options.

Data Interface Compatibility:
Integrates reconnaissance data from radar and radio sources.

Logging Functionality:
Records navigation signal reception, jamming, and spoofing parameters

Performance Specifications:

Specification	Details
Operating Frequency Bands:	G1: GPS L1CA, L2C R1: GLONASS R1 B1: BDS B1 E1: GALILEO E1
Effective Range:	Greater than 5 km
Maximum Transmit EIRP:	≥10km
Spoofing Control Activation Time	≤10 seconds under real-time positioning condition
Target Pinpoint Control Error	≤50 meters RMS when positioning accuracy is better than 20 meters.
Signal Generation Control Mode	Remote command control with direct integration to customer command software