DEMENTOR 4 lite class Drone Jammer & GNSS Spoofer to build a protection umbrella

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GNSS L band full constellation Spoofing

Dementor LITE Upper L-Band full 4 constellations live spoofing Signal
Dementor 4 RF signal output

**Dementor 4 Specification**

**HIGHLIGHTS**

- **HIGHEST SPECTRAL EFFICIENCY**
  Best-in-GNSS simulation innovative radio technology for the GNSS Kalman filter penetration

- **SUPERIOR PERFORMANCE AND CONSTELLATIONS PROCESSING**
  Unmatched processing power. Full capacity at any satellite number and signal size

- **UNMATCHED CAPACITY**
  Full GNSS channels coverage

Spoof for the GPS L1 and in Option all GNSS systems.

**LONGEST REACH**

Distances in excess of 100 km with external ODU amplifier & hemispherical 6 dBic antenna. Unprecedented system performances with low power.

**ANTENNA INTEGRATION**

- Phantom Broadband 3 dBic H & V polarization
- Hemispherical 6 dBic RHCP polarization

**FLEXIBILITY**

Easy-to-use and easy-to-install Fully configurable with external High Gain directional antenna, for sectorial or very long range Spoofing.

**RELIABILITY & ROBUSTNESS**

IDU Pelcase design and ODU Ruggedized aluminium cast IP66 enclosure; extended temperature range of -40° to +60°C, with 100% humidity.

Small Form Factor
CLEAR-SKY  Drone Spoof & Jammer

Spoof for all GNSS system: GPS-Galileo-Glonass-Beidou-QZSS-SBAS*

- IDU GPS constellation output Power -20 to 10 dBm
- Broadband Antenna Gain 3 dBi H & V polarization
- ODU output power 4 watts Hemispherical
  RHCP antenna gain 6 dBi EIRP 40 dBm 10 watts
- Connectors, coaxial N 50 Ω and military jacks.
- Power supply 220 VAC & 12 VDC
- Service -40° + 60° ambient
- IDU size and weight 30 x 25 x 25 cm, 5 Kg
- ODU size and weight 20 x 30 x 45 cm, 6 Kg
- IDU alone, spoofing diameter coverage 400 metres up to 4 km LOS.
- IDU plus ODU spoofing diameter coverage 20 km up to 160 km LOS.
- Option ODU output Power 100 watts is for the Wideband Spoof with GéBOR ‘7 embedded.

IDU GNSS simulator, power supply, amplifiers & antenna

ODU Front and Rear with the heat dissipator & the mast mount
Dementor 4 Power Spoofing amplifier & remote command jammer

- **Dementor 80 ODU**

  - Class A solid state
  - Broadband (instantaneous single band): 1 GHz – 2.5 GHz
  - Typical output power : 80 W CW
  - Linear output power (1 dB compression) guaranteed with harmonics <-20 dBc:
    - P1dB > 70 W and H < -20 dBc up to 1.6 GHz and
  - P1dB > 60 W and H < -20 dBc from 1.6 GHz to 2.5 GHz
  - Air cooling: self contained fans
  - Can operate in full mismatch conditions without damage
  - Reliable, efficient and robust
  - ODU IP 66
  - 3 years standard warranty

*Note: The image provided is not described in the text.*

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**Dementor 80 Mobile Outdoor Unit Transmitter 1 GHz to 2.5 Ghz class A 90 watts CW**
Dementor Hemispherical Antenna design

Dementor Hemispherical RHCP & LHCP antenna up to 8 dBiC gain

- Dementor hemispherical antenna pack system.