



STARBLINK TECHNOLOGIES PRIVATE LIMITED

Technology That Protects, Innovates, and Empowers™

DATA SHEET



Software Defined Radio

| Mechanical Specifications | |
|----------------------------|--|
| ➤ Bty Type | Rechargeable + disposable |
| ➤ Bty Backup | ≥10h |
| ➤ Radio Presets | ≥10 presets |
| ➤ Display/HMI | Integrated Display, Knobs + Keyboard |
| ➤ Weight with bty | ≤1.5 Kg |
| ➤ Dimension | 170 x 100 x 60mm |
| ➤ Environmental / MIL | MIL STD 810G, MIL STD 461F, JSS 55555 |
| ➤ Accessories and mounting | V/UHF HH Antennas Charger Data Terminal Carry Gear |

| Electrical Specifications | |
|----------------------------|--|
| ➤ Freq Range | 30MHz-5 GHz |
| ➤ Channel BW/Spacing | NB ≤250KHz and WB ≤2.5MHz |
| ➤ Output power | ≤4W |
| ➤ Sensitivity | 0.7μV @10dB SINAD |
| ➤ Comm Range | Minimum 5 Km or greater in line of sight in Narrow Band and wideband waveforms in LoS mode |
| ➤ Voice | Secure Voice |
| ➤ Data Rate | NB ≥100Kbps and WB ≥1Mbps |
| ➤ Video Support | Yes |
| ➤ IP Support | IPV4 over MANET |
| ➤ MANET Support | Yes Master less adaptive |
| ➤ MANET Mode/ Entities | NB ≥16 WB ≥32 |
| ➤ Ground To Ground | Yes (Primary Role) |
| ➤ Ground to Air radio | Yes with compatible air |
| ➤ Air to Air | Possible if both aircraft use same set |
| ➤ Encryption | AES-256 + Proprietary |
| ➤ Key Mgt Zeroize | External Key Loader |
| ➤ Freq hopping (FH) tables | Yes 2250 hops/s ≥10 |
| ➤ ECCM/JX/LPI/LPD | ECCM present, JX not published |
| ➤ GPS/GNSS | GNSS (GPS) |

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Deals in Drone detector & Jammer, CCTV Svl, Engine OH of Veh. Video Conferencing solutions, Server PC and Peripherals, Mobile Signal Booster, Data Centre Solutions, Communication Solutions, Hack RF, SDR, LoRa Based Solutions, Universal Jammers, All types of Antennas.