

Sky Net Longbow

Understanding the threat,
ADVANCING the response.

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CHOOSE
SKY NET TO
DEFEAT A
SWARM OF
DRONES



SKY NET LONGBOW

Providing a dedicated UAS system offering an 'enable and forget' solution.

Choose Sky Net Longbow to defeat either an individual drone or drone swarm. Longbow covers low, mid and high band frequencies. With optimised Omni-directional antennas.

Operational benefits

- Dedicated equipment for UAS Defeat operations
- Allows expansion slot for emerging future UAS threats
- Reprogrammable for changing operational parameters
- Minimal training burden
- Opportunity to use narrow band higher gain antennas

Considerations

- Antenna density with co-located systems
- Power requirements
- Guaranteed interoperability between all Kirintec jamming products
- Other RF systems on the battlefield

Features

- Omni-directional antennas supplied as standard
- Dedicated directional low, mid and high band antenna for UAS Defeat could also be supplied to increase directional gain
- Sighting and control mechanism for targeting the directional antenna could be supplied



Sky Net Longbow - technical details

A field proven covering up to 6GHz as standard.

Equipment frequency range	20MHz – 6GHz
RF power output	Up to 400W (up to 100W per channel, depending on frequency band)
Voltage in	12-35V (below 24V will require an additional alternator)
Operating temperature range	-20°C to +60°C
IP65 environmental protection	Yes
Programmable	Yes
Built-in self-test	Yes
Anti-tamper	Yes
Zeroise	Yes
Remote Control Unit (RCU)	Yes
Weight	From 40kg (90lbs) vehicle mounted - depending upon options
Training	Minimal training (1 day operator) (3 day maintainer) Tailor-made to meet customer needs
Support and maintenance	Waveform and equipment support provided either by Kirintec or GUI for user generated fills
Typical lead time	14 to 16 weeks
GPS Jamming	Please ask about options available

Part Numbers

Part No	Description
KT-950-131-05	Sky Net Longbow high power C-UAS system, contains low, mid and high band modules with a vehicle mounted antenna set. Please ask about CTI inclusion.*

*Comes in grey as standard