

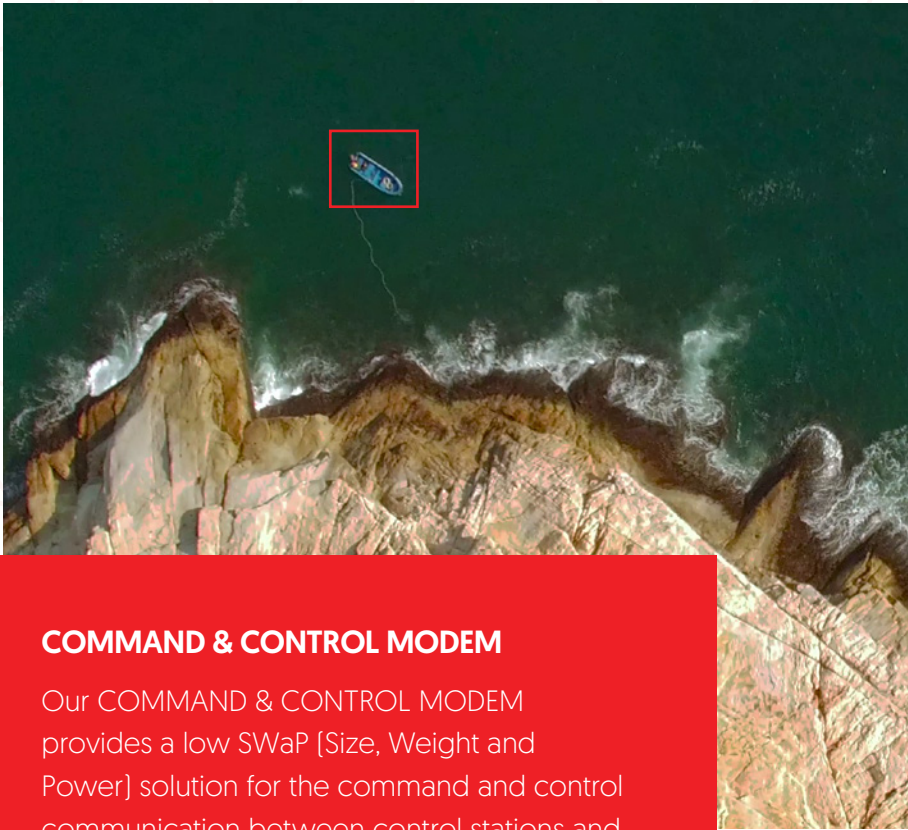


Advanced Technologies for UAS



COMMAND & CONTROL MODEM





COMMAND & CONTROL MODEM

Our COMMAND & CONTROL MODEM provides a low SWaP [Size, Weight and Power] solution for the command and control communication between control stations and unmanned vehicles.

HIGHLIGHTS

The **minimum size and weight** combined with the **low power consumption** makes this modem the most suitable option for long endurance systems.

The support for **antenna diversity** (2 antennas) increases the link **reliability** during vehicle manoeuvres, increasing notably the LoS availability.

The use of **multiple FHSS predefined patterns** provides an increment of communication and control security.

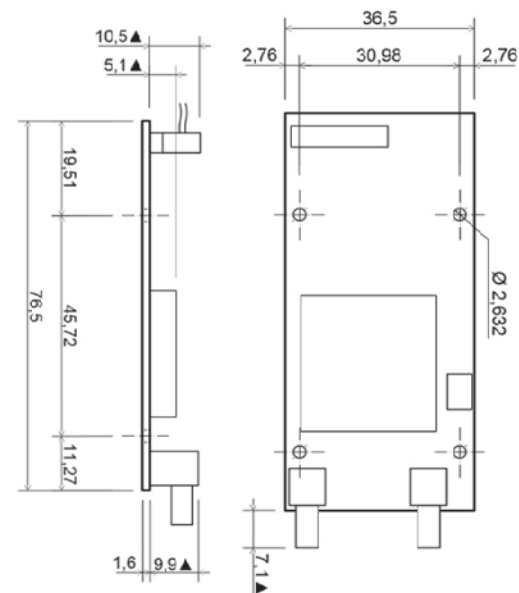
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SPECS

- > Frequency range: 960 - 977 MHz
- > RF transmit power: up to 20 dBm
- > Integrated antenna diversity
- > FHSS transmission scheme
- > Data rate: up to 100 Kbps
- > Power: 5 V [max. 38 mA].
- > Robust SMA connector for antennas
- > Serial interface for data I/O and configuration
- > CRC Error detection
- > Weight: 26.5 grams

DEVICE SCHEMATICS

Dimensions in mm





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