

DSRC HAND HELD



Portable radio frequency antenna equipped with a battery and a screen, designed to communicate with on-board equipment according to EN 15509, ETSI ES 200 674-1 and UNI 10607 standards.

It responds to the needs of verification and communication via an operator with on-board equipment (OBU) of vehicles located in rest areas, workshops, and service stations.

TECHNICAL FEATURES

RF SECTION

- Frequency Band: 5725-5875 MHz
- Max Transmitted Power: 25 mW EIRP

BOARD DIGITAL

- Microprocessor: STM32 ARM® Cortex® M4
- Crypto Controller
- Memory: 256 KB
- Flash: 512 KB
- WiFi Module 802.11B
- USB 2.0 Target
- EEPROM 64 Kbit
- External Flash NOR 64 Mbit
- Fpga
- Silicon ID

DIMENSIONS AND SPECIFICATIONS

- Dimensions: 98,36x191,04x34,55 mm
- Weight: 397 g
- Power supply: external via adapter 12 V/2 A 24 W
- Operating conditions:
 - Operating temperature: 5°-45°C
 - Humidity: 85% a 40°C non-condensing
- Display: COG FSTN White Backlight Positive 128x64
- Keyboard: 4 key e 3 LEDs
- USB: Service Debug
- Batteries: 4 batteries NIMH Size AA 1.2 V 2500 mA

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The unit is equipped with a 12V / 2A 24W power supply including plug to provide the end user with the necessary tools for proper operational management of the product within the scope of compliance with current regulations.

The portable antenna, from Movyon Electronics meets the needs of verification and communication by operator, with on-board equipment located in rest areas, workshops, service stations.

It is used for activities of:

- Enforcement, ticketing, fuel
- Quality control and TAG/OBU validation of tolling devices

KEY FEATURES

- Rapid reactivation in less than 200 ms
- Software programmable communication distance from 0.5 m to 3 m
- Autonomy: >200 OBU readings before recharging batteries