



# INDUSTRIAL ANTENNAS

DAG System antennas are designed and manufactured to suit various customer applications: short or very long distance of detection (antenna width up to 10m), very large volume of detection (above 60m<sup>3</sup>), high speed detection (up to 100Kph), harsh environmental conditions.

Made of easy-to-assemble components, DAG System antennas allow multiple combinations of shapes and sizes depending on the environment they are used in.

- Antenna 1D: vertical detection
- Antenna 2D: vertical and diagonal detections
- Antenna 3D: horizontal, vertical and diagonal detections

These antennas can be:

- Self-supporting
- To cross to open the door
- In doorframe
- In the middle of a double lock entry

## Advantages:

- High speed, long range and large volume detection
- Detection of all RFID chips in 13,56MHz
- Multiple simultaneous reading of Dags allowing any single item to be identified when multiple Dags are read at the same time

## Product



## Specifications

Frequency: 13.56MHz

Supported RFID Chip: Philips I-CODE SL1 SL2

RF Power: 0,5 W à 10 W (programmable)

Power consumption: 2A maximum

Communication parameters: 115.2 K-baud (possibility to change the parameters)

Communication interface: RS232

Antenna connector: BNC 50 Ohms

Impedance: 50 Ohms