

ANTENNA MODULE REV 1-3
OPERATIONAL DESCRIPTION

Brief description

The « ANTENNA MODULE REV1-3 » is dedicated to speed measurement of objects, with a maximum range of 250 meters. Especially studied for car speed measurement, the firmware offers reliable and easy to use communication protocol. High quality manufacturing.

The antenna module consists in an antenna for measurements and a high speed DSP processor for fast calculation. On board power regulation.

RF détails

CW doppler technology @ 24Ghz

Output power : 19dBm

Antenna angles (@-3dB) : 33° Azimuth and 33° Elevation

Communication details :

The board is studied for RS485 communications with proprietary protocol.
Only one 4pins connector for data and power source.
For protocol détails, see confidential Annex1 in the User Guide.

Power details :

DC power source beetween 9V and 16V.