



BRANSYS
SOLUTIONS FOR YOUR NEEDS

AVL BA5000

Latest GPS technology for positioning



www.bransys.com

Technical Specification

AVL BA5000



GSM

Quad-band 850/900/1800/1900MHz
GPRS Class 12 Max. 85.6 kbps
(uplink & downlink)
SMS (text/data)

GPS

22 (tracking)/66 (acquisition) channel
Sensitivity: Acquisition -148dBm;
Tracking -165dBm; Re-acquisition -
160dBm
NMEA protocol compatible

Interface

2 Digital Inputs
2 Analog Inputs
2 Digital Output (NPN 100mA)
1-Wire Protocol x 4
CAN Bus
Power supply (+10... + 30) V DC
1 Status LED
USB Port
Serial Port RS232 (or Rs485)
Configuration and firmware upload (SMS
and via USA cable)
Internal GSM antenna
External GSM antenna
Temperature range: -20 °C to +65°C
Audio Interface

Features

Latest GPS technology for positioning
Real Time tracking
Sending acquired data via GPRS (TCP/IP protocol)
Delivers high performance
Customized firmware configuration
Remote firmware update and administration
Motion sensor
Driver Identification (1-Wire iButton ID key)
Connecting with Mobileye



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