



Fleet Management & ELD Solution  
*part of Bransys Group*



# AVL E1-C



ELD compatible  
Implementation in various  
industries, such as:  
waste management,  
transportation,  
agriculture etc.

# TECHNICAL SPECIFICATION

## AVL E1-C



### LTE FDD

EC21 - A LTE FDD: B2, B4, B12  
WCDMA: B2, B4, B5  
EC21 - V LTE FDD: B4, B13

### GNSS

GPS/ GLONASS/ BeiDou/ Galileo/ QZS

### Bluetooth

Bluetooth Classic (BR/EDR) and Low Energy (LE)  
Certified to FCC, IC, MIC, KCC, and NCC radio regulations  
Supports Bluetooth 4.2 LE secure connections

### Features

Latest GPS technology for positioning  
Real Time tracking  
Protocols: TCP/ UDP  
Delivers high performance  
Customized firmware configuration  
Remote firmware update and administration  
Motion sensor  
Temperature sensor  
Driver identification (1-Wire iButton ID key)  
Connecting with Mobileye  
Bluetooth for communication with external devices  
Internal battery  
ELD compatible  
Certification: FCC/ PTCRB\*

### Interface

Bluetooth connection  
1 Digital Inputs  
1 Analog Input  
1 Digital Output (NPN 100mA)  
1-Wire Protocol  
2 x CAN Bus, J1939, J1708  
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)  
Temperature range: -40°C to +85°C (-40.0 °F to 185°F)

### Bransys Group

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