



PRODUCT CODE: BAID1

BARCODE

PRODUCT DESCRIPTION: Alcohol Ignition Interlock Device

NARRATIVE:

BAIID measures the blood alcohol concentration (BAC) of the vehicle driver and prohibits the vehicle from being started, if the driver's BAC exceeds a preset limit. Using fuel cell based technology the BAIID1 provides accurate and reliable testing results.

Main Features

- **Setting configuration:** the administrator can configure the parameters in the handset
- **Anti-circumvention:** designed to protect against illegitimate air samples introduced during taking the breath sample period.
- **Tampering:** enables to detect and store the data and time of tampering attempts through interrupting the power source of the interlock device or starting vehicle engine not preceded by a passed interlock test.
- **Emergency Bypass/Override:** The user can unlock the device upon inputting the validated password for any urgent use of the vehicle.
- **Remote Unlock:** the administrator can unlock the device through the authority center or dialing the card number of SIM attached with the device.
- **Rolling Retest:** test taken after the passed initial alcohol test allowing the engine to start.
- **Sample- free Restart:** this feature allows the vehicle to be restarted within just several minutes of shut down.
- **Data Recording:** The device can store over 2 million test results including date and time vehicle use, efforts to disable the units, tampering attempts, PASS/FAIL indication, BrAC readout, alerting messages etc.
- **GPS/GPRS (optional)** The GPS & GPRS unit allows a remote control centre to remotely unlock the system. It can also be notified immediately of a "over the limit" reading and tampering.

SPECIFICATIONS

Measurement Range: -40°C- 85°C	Operation Voltage: 12V-36V
Warm Up time: ≤ 30 seconds (20°C)/ ≤3 mins (-40°C)	Display: 240 x 320 TFT
Calibration: 6 months	Memory Capacity: Stores over 2 million records
Measurement Unit: BAC- mg/100ml, g/100ml, ,g/ml	BrAC: mg/L, g/100ml, g/210L
Network Type: GSM/GPRS	Network Frequency: 900/1800MHZ
GSM Reception Sensitivity: -108dBm	GPRS Reception Sensitivity: -102dBm
GPS Chip: u-blox chip	GPS Sensitivity Degree: -159dBm
GPS Location Precision Degree: 10m	Antenna: GPS,GSM & Wireless
Minimum time for location info feedback: 15secs	Dimension: Handset-142.5 x 64 x 33.8 (mm)
Indicating Lamp: Power supply/connection/charging/heating status	

DATE OF PRODUCT RELEASE: March 2011