



# VECMOCON TECHNOLOGIES

## Vehicle Intelligence Module



Automotive grade Connector



Automotive Connector



IP64 rated enclosure

DRIVEN BY INTELLIGENCE



i-**VEC**  
DRIVE



**Description** Our Vehicle Intelligence Module shares the vehicle data with a remote server for preventive maintenance, diagnostics and provides wireless/keyless control to the owner. The device supports edge ML and runs complex range estimation algorithms for real time results to avoid range anxiety related to EV's. The device detects theft attempts via theft alarms and notifications.

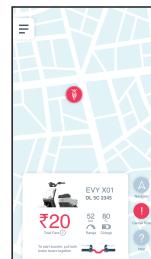
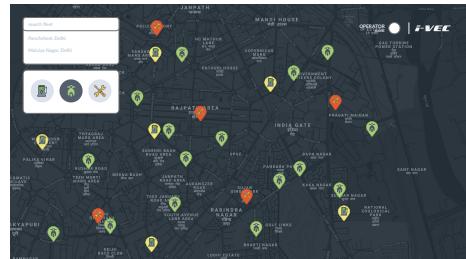
## Features

- IoT enabled (internet 2G/4G, CAN 2.0, BLE)
- Onboard data Logging to avoid data loss
- Regular FOTA Updates
- Internet and Bluetooth Communication secured via TLS v1.2 and AES-256
- Device management infrastructure and mobile applications
- Easy third party integration
- Theft alarm and notification
- Keyless access

## Applications



## Fleet Management tool and Mobile Application



## Technical Specifications

Parameter	Comment	Min	Typical	Max	Units
Voltage	Supply voltage	4.8	5.0	5.5	V
Operating Temp.	In casing	-35	+25	+75	
Can speed	SAE J1939-11 SAE J1939-21 SAE J1939-71 SAE J1939-73		500		kbps
Bluetooth	BLE 5.0		5-10		m
Internet	4G/2G connectivity	-	-	8.9 <sub>(DL)</sub> /3.1 <sub>(UL)</sub>	Mbps
Local data storage	Nand Flash		128		Mb
Dimensions	length X breadth X height		(120X 121 X33)		mm