



VECMOCON TECHNOLOGIES

Instrument Cluster



DRIVEN BY INTELLIGENCE



i-**VEC**[®]
DRIVE



Description Smart clusters combines vehicle driving information including speed, Battery SOC, trip distance & all necessary information, etc. Two versions are available: with and without CAN communication enabled. CAN bus allows for accurate data collected by other subsystems like, range, SOC etc to be displayed.

- Features**
- CAN communication available
 - Fully Configurable via USB
 - USB Port for mobile charging
 - Navigation Indication
 - Following ISO7637-2 , IEC61000-4-2 & IEC61000-4-
 - a. Standard Protection
 - b. Follow IP62 Protection.

Features	With CAN
Configurable	✓
Range estimation	✓
Navigation Indication	✓
Speed Indication	✓
Lump, Drive & Reverse Mode	✓
Stand indication	✓
Diagnosis indication	✓
BLE indication	✓

Technical Specifications

Parameter	Comment	Min	Typical	Max	Unit
Battery Voltage	20S NMCLFP 23S LFP	37.5	~	84	V
Operating Voltage	12V	5V	12V	18V	V
Operating Current	200mA	80mA	125mA	220mA	mA
Operating Temp.	-	- 20	-	75	Degree Celsius
CAN Speed	SAE J1939-11 SAE J1939-21 SAE J1939-71		500		kbps
USB O/P	For Mobile Charging		5V		V
Dimensions	LXBXH		92X162X12		mm