

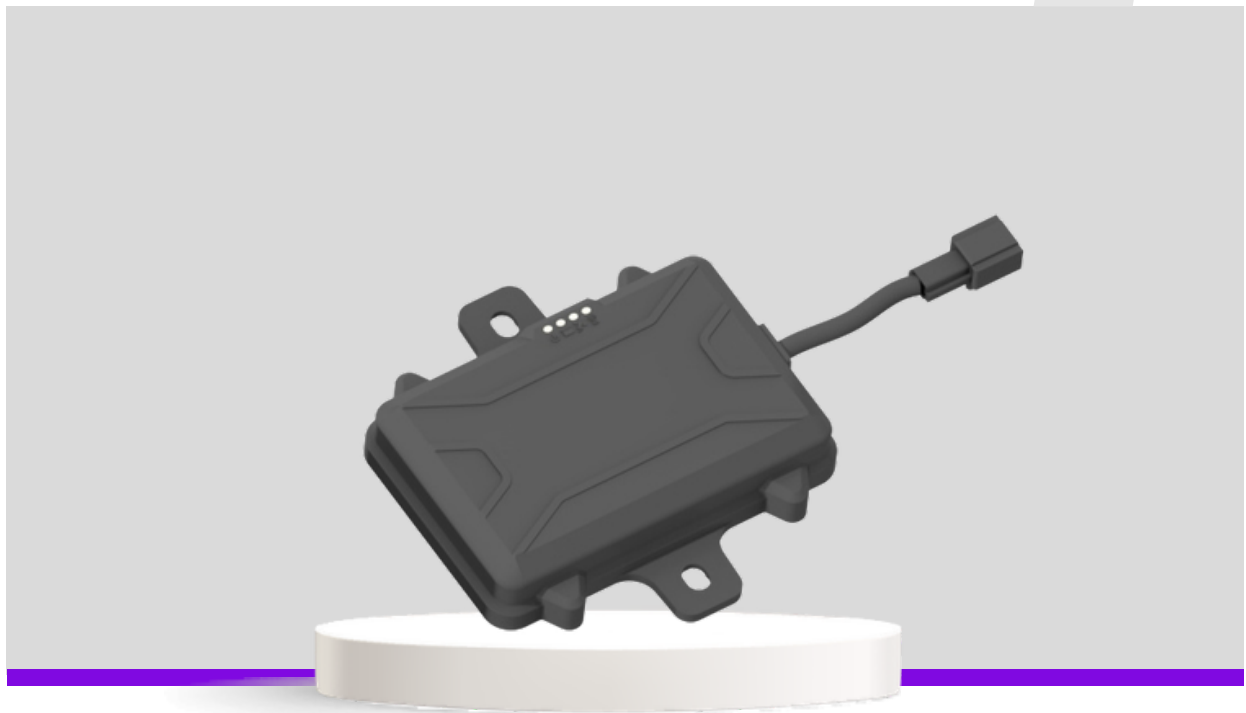


Advanced Telematics

Telematics Control Unit

AT-TCU-3-A-100

Reliable Telematics for EV 3-Wheeler Platforms



Reliable, Secure & Efficient



OEM-Ready Telematics for EV 3-Wheelers

Designed for the EV 3-wheeler market and compliant with OEM DVP requirements.



Hardware-Level Security with TLS Encryption

Modem with Transport Layer Security Version 1.2 and External Hardware Security Module.



OTA-Enabled Firmware Updates

Over-the-Air firmware updates via HTTPS and CAN enable seamless lifecycle management.

AE-TCU 4G Series



Advanced
Telematics



Built for EV 3-wheeler platforms with secure connectivity, efficient power management, and seamless vehicle integration.

- ✓ Cat1 connectivity
- ✓ EV-ready telematics platform
- ✓ Rugged IP67 waterproof design
- ✓ Field-proven reliability

Parameters	Specifications	Parameters	Specifications
Operating Voltage	8-36V	Communication Protocol	CAN FD, TCP / MQTT
Nominal voltage	13.5V	Memory	1 Gbit (Upgradable to 4 Gbit)
Device Sleeping Current	<1 mA	Connector	4-Pin SMD Connector (PP - 6-Pin SMD Connector)
Device Normal Current	<100 mA	Firmware Update Options	OTA - HTTPS, CAN
Sim Card	Esim	GNSS Antenna	No
IP rating	IP67	GNSS Support	GPS / BDS / Galileo
Input	2 Digital, 2 Analog	Cloud Protocol	TCP / MQTT
Output	2 Digital Output	Modem	LTE Cat1 TLS 1.2
Internal Battery Charger	PP		
In-built Battery	PP		

Empowering the Telematics Ecosystem

Complete telematics development and manufacturing, including system design, hardware engineering, validation, and high-volume production, backed by dedicated customer support.

Let's Co-Create the Future of Mobility.

Accolade Electronics Pvt. Ltd.



R&D Centre & Plant : Pune, India



marketing@accoladeelectronics.com | +91 93710 18392 | +91 83088 00720



www.accoladeelectronics.com