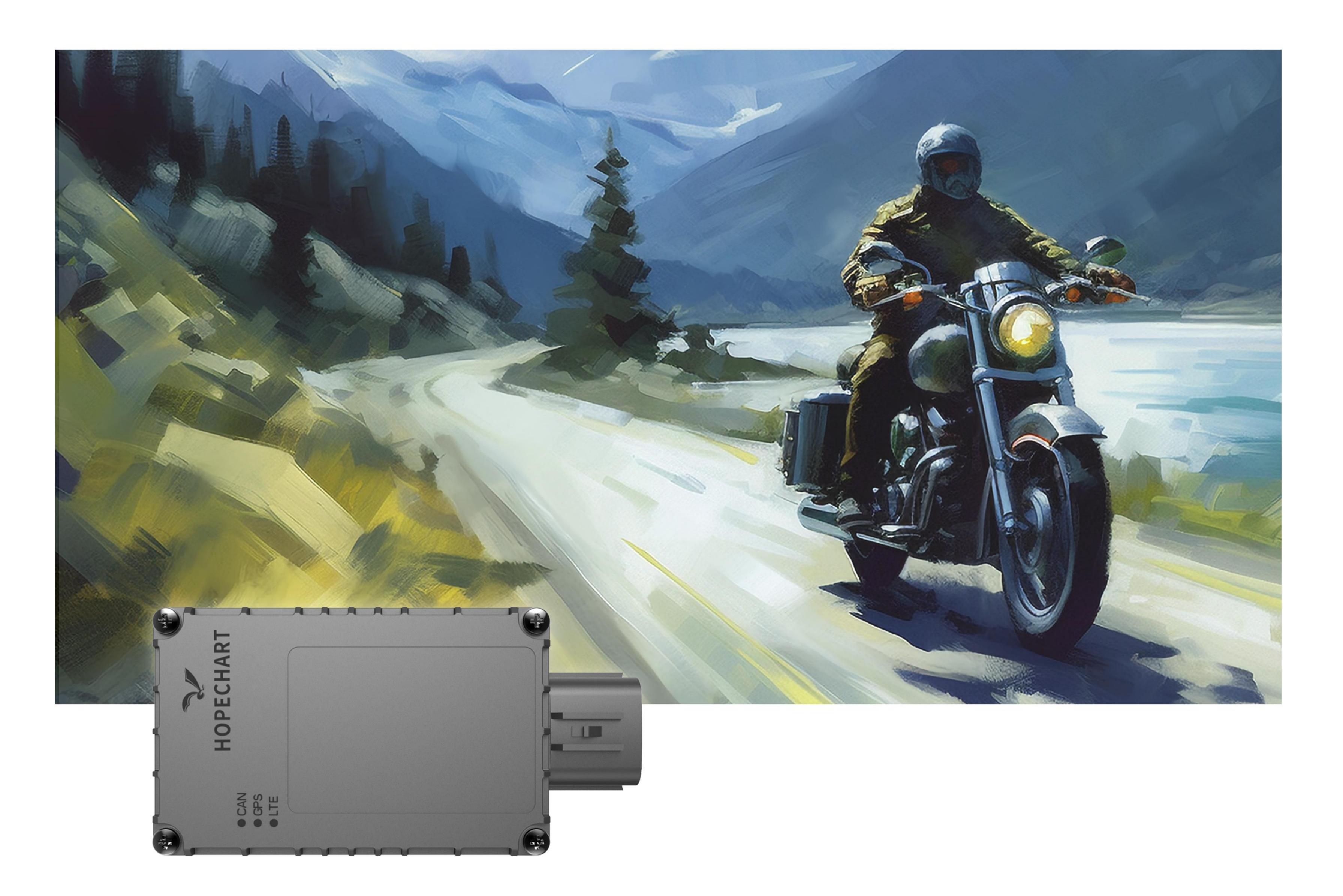
REDUCE THE COST OF TRANSPORTATION





T-BOX HQT418

TELEMATICS BOX FOR MOTORCYCLES











HQT418 is a high-protection, small-sized TBOX which can realize vehicle fault monitoring, vehicle remote control, vehicle power monitoring and management, vehicle security services and anti-theft, OTA upgrade of vehicle TCU system, vehicle CAN bus data acquisition and analysis, etc.



INTELLIGENT AN-TI-THEFT THROUGH TRIPLE POSITIONING



LOCAL STORAGE
OF
DRIVING RECORD



ONE-CLICK
SEARCH FOR
MOTORCYCLE



NON-INDUCTIVE UNLOCK BY BLUETOOTH



ABNORMAL ALARM



REMOTE OTA UPGRADE



STANDBY BATTERY
WITH INDEPENDENT
OPERATION



TIMED/REMOTE WAKE UP



DATA ACQUISITION (CAN DATA, MAIN/-STANDBY VOLTAGE)



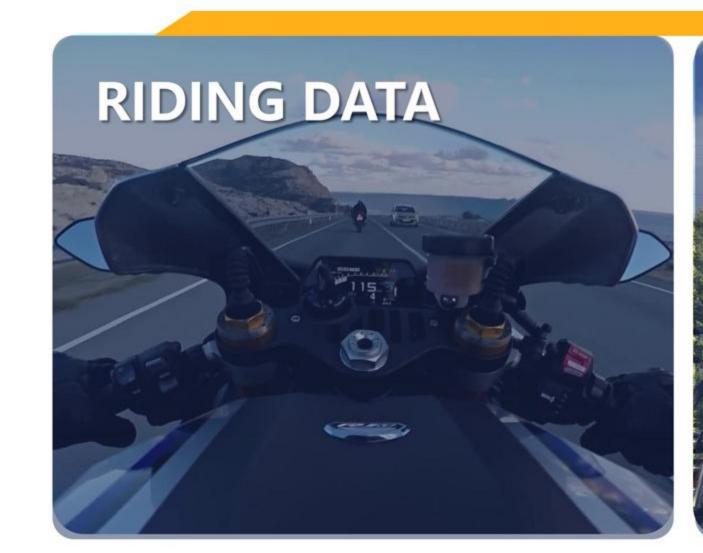
CURVE TRAJECTORY
COMPENSATION
MECHANISM



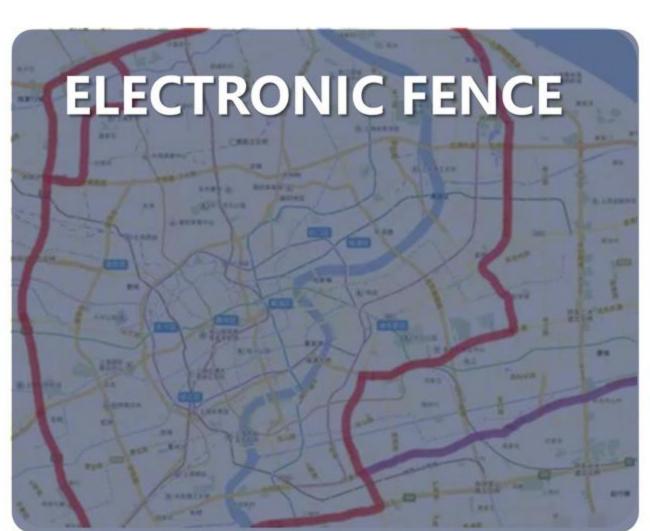
FAULT DIAGNOSIS



APPLICATION SCENARIOS











PERFORMANCE PARAMETER		
MCU	Cortex-M4F@64MHz	
Storage	64Mbit	
Communication Module	4G LTE Cat1 LTE-TDD: B38/B39/B40/B41 LTE-FDD: B1/B3/B8	
ВТ	BLE5.1, BLUENRG-3	
GNSS	GPS/BD Positioning accuracy:≤5m (CEP50) TTFF:Cold start≤32s/Hot start≤1.5S	
RTC	24h±5s	
IMU	6-axis sensor	
PMU	Multiple mode power management	
SIM	eSIM	
Antenna	Built-in	
Backup Battery	Lithium battery, 110mAh	
Operating Voltage	8V-40V	
Standby Current	≤1mA	
Operating Temperature	-20°C ~ +75°C	
IP Grade	IP67	
Size	47*92.5*20.6mm	
Material	PC+ABS	

PRODUCT FUNCTION		
Type Positioning Trajectory	Type	GPS/BD、LBS、AGNSS
	Trajectory	Support removing invalid data
Communication	ВТ	Unlock/Light Control
	Platform	Supports multi platform connectivity
Time&Timing	GPS time and timing	Support
Data Acquisition	Switching value	Support collecting multiple switching values
	Voltage	Support main/backup power voltage collection
		Support collecting/sending CAN data
	CAN	1 channel, 250Kbps, 500Kbps, 1Mbps can be configured
		Support CAN wake-up
Data Reporting Dat	Event reporting	Detection events, driving behavior analysis, safety incidents
	Electronic fence	Support multiple electronic fences
	Data supplementary report	Supplementary reporting of data in case of communication abnormalities
Data Storage	Real time data storage	Save real-time data at configurable time intervals
data Encryption	data encryption	The communication between T-BOX and the platform supports encryption
Terminal Management	Power management	Normal operation/sleep/low voltage shutdown mode
	Terminal control	Support remote program upgrades, parameter settings, etc

15+
DEVELOPMENT

HISTORY

700+
TOTAL

EMPLOYEE

1500 m²

EXPERIMENTAL SITE 27000m²

FACTORY SITE 3000000+

ANNUAL PRODUCTION CAPACITY

10000000+

CUMULATIVE
SHIPMENT

Hangzhou HopeChart IoT Technology Co., Ltd. was established on June 11th, 2009, and landed in science and technology innovation board of Shanghai Stock Exchange on November 6th, 2019 (stock code: 688288), with a registered capital of 100,343,920 yuan.

With the mission of "reducing the cost of transportation", Hopechart has continuously expanded the application fields of intelligent connected products for more than 10 years, and successfully promoted the connected products from commercial vehicle to many sub-fields such as new energy vehicle, non-road machinery, and motorcycle.

Through independent R&D and manufacturing capabilities from design planning, development, mold making to production, we are committed to providing customers with intelligent network system and service based on hardware terminal and vehicle networking platform.

OUR CLIENTS





