REDUCE THE COST OF TRANSPORTATION

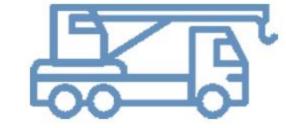




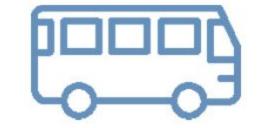
INSTRUMENT HQFC series

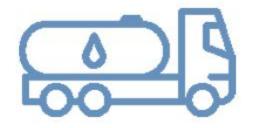
INSTRUMENT CLUSTER FOR COMMERCIAL VEHICLES



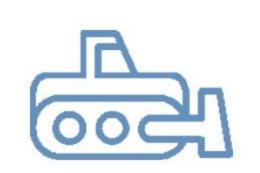












This product can display vehicle speed, mileage, engine speed, fault code and other driving information, compatible with multi-sized LCD to meet the needs of customers with different models. It is integrated with ACC, ADAS, AEBS and other intelligent driving display functions, with network management, diagnostic and software brush. This product has rich color and can achieve a more cool UI interface, a sense of science and technology.







LCD SCREEN



NETWORKING



DIAGNOSIS



PARAMETER CALIBRATION



DATA FLUSHING







FAULT DISPLAY



FUNCTIONAL SAFETY



MULTI LANGUAGE **SWITCHING**



INFORMATION SECURITY



INTELLIGENT DRIVING

CUSTOMER CASE







PERFORMANCE PARAMETER			
Type	TFT		
Resolution	800*480		
Brightness	>500cd/m		
Angle of View	80°		
LED Light	Green =525nm Blue=470nn Red=623nm Yellow=589nm		
Maximum Operating Current	< 2A		
Rated Current	< 800mA		
Static Current	≤2mA		
Mileage of First Failure	≥ 300,000 km		
Service Life	≥ 1,800,000 km		
IP Grade	IP54 (front) /IP20 (back)		
Operating Temperature	-40°C~75°C		
Storage Temperature	-40°C ~ +85°C		
Operating Voltage	DC16V~32V		
Core Chip	RISC-V CPU x 2@400MHz		
Storage	DDR2: 512MB, Flash>512MB		
Functional Safety	ISO 26262 ASIL B		
CAN	2		
LIN	1		

GENERAL CONFIGURATION	HIGH CONFIGURATION		TOP CONFIGURATION	
Increase Core & Graphic Performance + System Protection				
Increase Memory Size & Bandwidth			External RAM	
			3D Graphic Engine	
	2D Vector Graphics Engine			
	2.5D Graphics			
LCD Bus Support	Video Output	Video Output & Input		
	High	High Speed external Serial Flash Access		
		AVB & Ethernet		
E ² PROM Emulation + Enhanced Stepper Motor Drive, Sound Generation & Illumination Control				
BASIC MODERATE	BETTER	SUPERIOR	FULL LCD	

DEVELOPMENT HISTORY

TOTAL EMPLOYEE

EXPERIMENTAL SITE

FACTORY SITE

ANNUAL **PRODUCTION CAPACITY**

15+ 700+ 1500m² 27000m² 3000000+ 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



































