

Made of aluminium alloy, the front panel is IP65 waterproof, the back cover is dustproof and the interface is waterproof. Capacitive touch screen, increased front panel button function, more intuitive operation; internal shockproof structure layout, specially designed for special vehicles, can meet the needs of industrial special vehicles, high speed rail dispatching platform, agricultural vehicles and other models of matching.

## Features

- Anti-drop aviation connector design, shockproof and anti-drop, dustproof and waterproof
- Support ACC time delay shutdown, avoiding the impact of sudden power failure on the device
- Self-developed motherboard, quad-core powerful processor
- Optional CAN interface for easy connection with vehicles



## Product Model

Product Size	10.1"
Non-touch	OVHPPC-101G-A32
Capacitive touch	OVHPPC-101C-A32
Resistive touch	OVHPPC-101R-A32

## Product Interface



## Product Specifications

### Screen Parameters

LCD size	10.1" TFT LCD		
Resolution	800*1280		
Viewing angle	85/85/85/85 (L/R/U/D)		
Colour	16.7M		
Brightness	300 cd/m <sup>2</sup>		
Contrast ratio	1000:1		

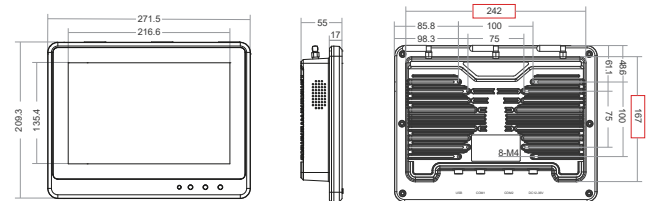
### Touch Parameters

Touch type	10-point touch projection Capacitive touch screen	Single-point Resistance touch screen	Non-touch
Transmittance	≥88%	≥78%	≥92%
Input mode	Handwriting or Capacitance pen	Fingertip or stylus	/
Controller communication	USB	USB	/

### Hardware Configuration

CPU	RK3288, Cortex-A17 quad-core, 1.8GHz	Broad pressure	Supporting 12-36V power input
Memory	2G DDR3 (Optional: 4G/8G)	WiFi	2.4GHz
Storage	16G eMMC (Optional: 32G/64G)	Bluetooth	BT4.2
GPU	Mali-T764	Other support	RTC real-time clock and timing switch
Operating system	Standard configuration: Android 7.1, Optional Android 10.0/Linux4.4/Ubuntu 18.04/Debian10.0/linux4.4+QT		

## Product Size



### Physical Characteristics

Overall dimensions	W271.5x H209.3x D55mm
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### Interface Parameters

Power interface	1*waterproof airhead connector (GX12-3 pin), supports 12V~36V wide voltage power supply
USB	1*waterproof airline head connector (GX12-4 pin)
COM	2*waterproof airline head connector (GX12-4 pin)

### Product Reliability Parameters

Working temperature	-10°C~60°C
Storage temperature	-20°C~70°C
Relative humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, Random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, Half sine wave, Lasting for 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS
Waterproof grade	The front panel reaches IP65 protection level

### Power Parameters

Power input	DC 12V~36V
Static power	18W