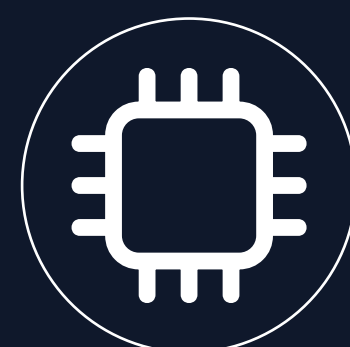


Vehicle PC

V12R

- Equipped with Rockchip RK3568 Processor, low-power consumption;
- Android 12+ Linux dual systems, compatible with a variety of applications;
- Standard WIFI 5, BT5.0, optional 4G and data radio communication modules;
- Peak brightness up to 700 nits, offering unparalleled clarity in bright outdoors;
- GPS/GLONASS/Beidou and RTK high-precision positioning systems are available;
- Multiple interface options covering AHD/TNC/SMA/Deutsch interfaces;
- Supports 6V to 36V wide voltage input, catering to diverse vehicle charging needs;
- IP65-rating, compliant with ISO16750 road vehicle performance testing standards.



RK3568



Android 12+Linux
Dual-System



10.1-inch screen



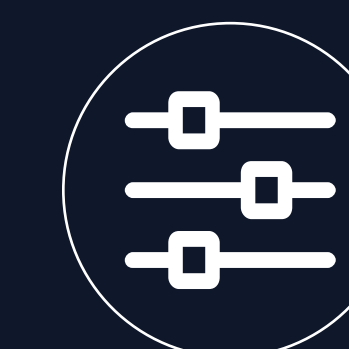
700cd/m² Brightness



Dual-band
WiFi 5



GPS/GLONASS/
Beidou/RTK



Rich interface
extensions



IP65

Vehicle PC V12R

Specifications



CPU

RK3568



Operating System

Android 12+Linux
Dual-System



Memory

RAM 4GB
ROM 64GB



Display

Type: MIPI HD
Size: 10.1 inch 16:10
Resolution: 1280*800 IPS
Brightness: 700cd/m²
Optional:
LVDS 10.1 Landscape screen
Resolution: 1024*600
Brightnes: 750/m²



Touch Pannel

5-Point Capacitive Screen



Dimension

282*181*31 mm



Battery

Built in 2032 RTC dry battery



WiFi

WIFI 802.11(a/b/g/n/
ac)2.4G+5.0G(5.1G+5.8G)
Dual-band WIFI



Bluetooth

BT 5.0



Internet(Optional)

4G



GPS

GPS, GLONASS, Beidou,
Optional:
Single Beidou



Data Radio(Optional)

Frequency range: 410-470MHz



I/O Interface

SIM Card Slot: MICRO-SIM *1
TF Card Slot: MICRO-SD *1
Standard USB-A Port / Data Transfer:
USB 2.0 *1, USB A Port,
HOST Data Transfer
Video Input:
AHD *4, GX12 4-Pin Connector*4
Antenna Interfaces (Optional):
TNC *2, SMA *2
26-PIN Deutsch Interfaces (Optional in
the Solution)



Rugged Features

Working temperature:
-20 °C to 60 °C(HD)
Optional -30°C to 70°C(LVDS)
Storage temperature:
-30 °C to 85 °C(HD)
Optional -40 °C to 85 °C(LVDS)
±6kV contact discharge
±10kV air discharge



Certification

IP65(Standard)
(With the 4-way AHD
camera sealed to IP67)



MIL-STD-810H ISO7637 ISO16750

Vehicle PC V12R

Product Six Views



Accessories(Optional)



12V/4A Adapter



GPS Vehicle Mushroom Antenna



26-PIN Deutsch Interface Functional Bus



DC Patch Cord



Bracket



ACC Power Cord



4G External Suction Cup Antenna



Data Radio External Suction Cup Antenna



RTK Mushroom Antenna (TNC Connector)

* The technical specifications of this product are subject to change without prior notice