

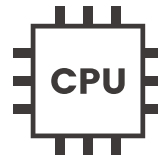
V7S

In-Vehicle Mobile Data Terminal Rugged Tablet



Android

Support Android 14



Processor

64bit RK3568 Quad-core Cortex-A55,
up to 2.0GHz



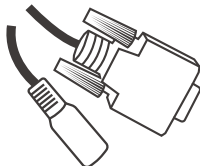
7" LCD panel

7-inch TFT-LCD, LED backlight,
500 cd/m2(typical)



Unlimited wireless connection

4G/3G,WiFi/BT, GPS/GLONASS/BEIDOU



Multiple interface

RS232/485/422, RJ45, CAN bus, GPIO,
AV in, ACC



Camera

2.0MP CMOS (front)



In-vehicle application

Rugged design with RAM/VESA Compliant



Water/Dust-Proof

IP65 protection grade

TYPICAL APPLICATIONS



Public Transportation



Taxi Dispatch



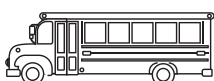
Smart Mining



Forklift Safety



Fleet Management



School bus



Waste & Recycling
Collections



Ambulance



Construction



Precision Agriculture

SPECIFICATION

Core	
Processor	64bit RK3568 Quad-core Cortex-A55, up to 2.0GHz
Graphic	Mali-G52-2EE, 800MHz
RAM	4GB LPDDR4
ROM	32GB eMMC
OS	Android 14

Display	
LCD panel	7-inch TFT-LCD, LED backlight
Resolutions	1024 × 600
Brightness	500 cd/m ²
Contrast Ratio	800:1
View Angle (°)	75/75(L/R), 70/75(U/D)
Touch panel	G+G multi-touch capacitive touch panel

Wireless	
WiFi	IEEE 802.11 b/g/n (optional)
Bluetooth	Ver 4.0 (optional)
Cellular	4G (optional)
Positioning	Integrated GPS+GLONASS+BEIDOU(optional)

Multimedia	
Video	Video Decode: 4K@60fps H.264 & H.265 & VP9 Profile0/2 video decode, 1080P multi-video decode Video Encode: 1080P video encoding for H.264 and H.265
Audio	MP3, WMA, OGG, APE, FLAC, AAC etc.
G-sensor	Optional
Gyroscope	Optional
GPO	12V/0.5A*1(optional)
GPIO	DI*2 High level: 8~30V Low level: 0V(optional) DO*2 High level>5V Low level: 0V(optional)

Accessories	
Standard	AC/DC adaptor or car power adaptor(optional) Pigtail cable
Optional	Sunvisor

User Interface	
Speaker	Built-in speaker(2W, 8Ω) x 2
Microphone	Internal microphone
Camera	2MP CMOS (front)
Onboard I/O ports	1 x TF card slot(up to 128GB) 1 x x SIM card slot 1 x USB 3.0 Host
Extended I/O ports (on pigtail cable)	1 x DC in 1 x RJ45(10/100/1000 Mbps) (support POE) 1 x RS422/485 1 x RS232 1 x AV IN (support NTSC) (optional) 1 x reverse gear trigger(optional) 1 x ACC 1 x OTG 2.0 1 x CAN bus(optional)
Function Key	Power, Home, Volume+, Volume-, Reset
Power light	LED light

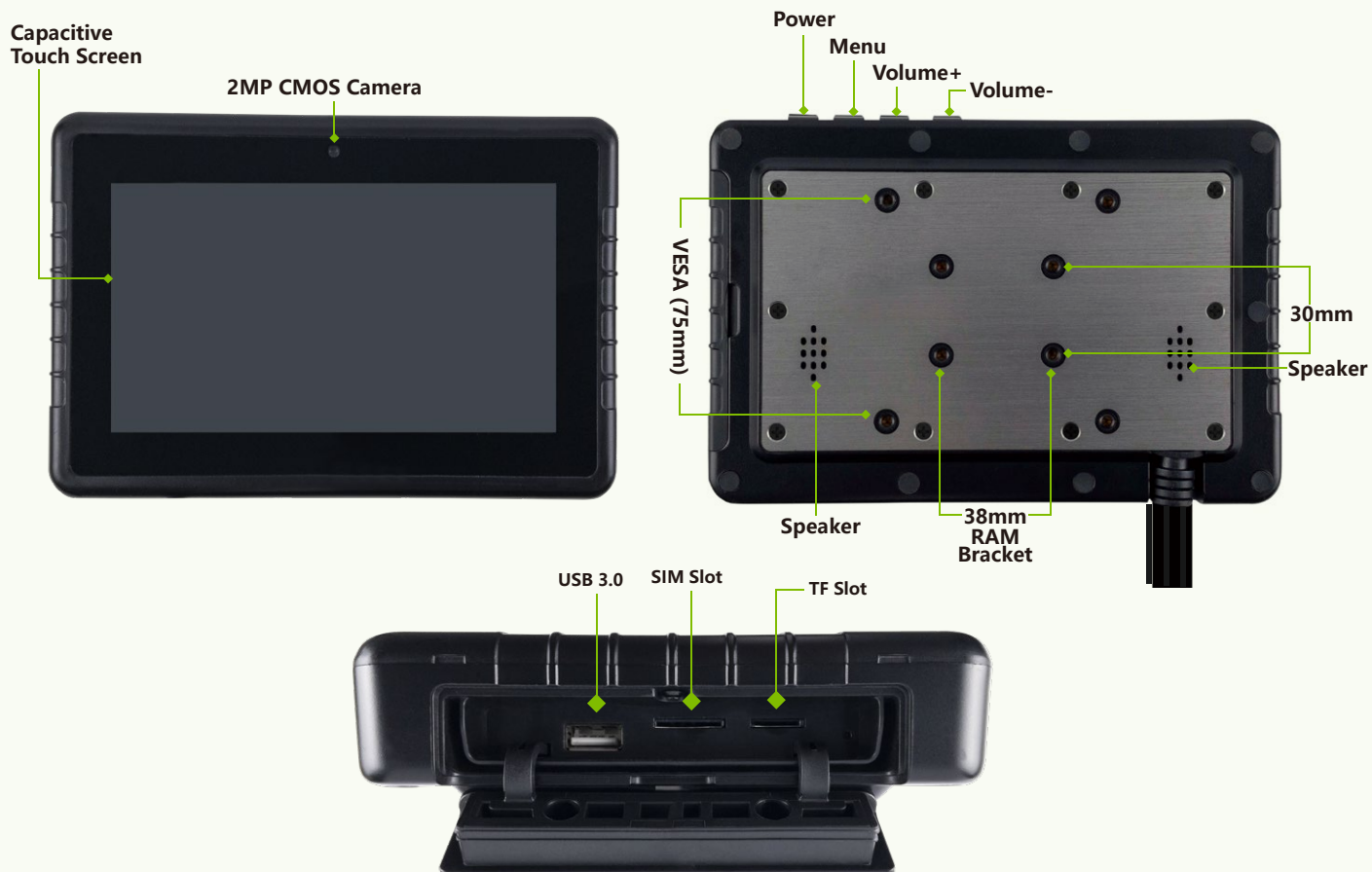
Power Supply	
DC In	12V DC (9~36V)
Battery	3.7V 2000mAh, Lithium-Polymer battery pack

Power Consumption	
Normal mode	≤6W
Charging mode	≤10W

Environment	
Operating Temp	-20°C~70°C (w/o battery) -20°C~50°C (w/ battery)
Storage Temp	-20°C~80°C
IP Rating	IP65

Mechanical	
Dimensions	200(L) x 136(W) x 36(H) mm
Weight	0.79kg
Mount	75x75mm VESA or 38x30mm RAM compliant

INTERFACE



ACCESSORIES

Cable option 1

Sunvisor



Cable option 2

AC/DC Adaptor

