



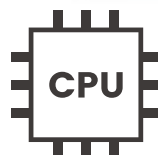
V7S

In-Vehicle Mobile Data Terminal Rugged Tablet



Android

Support Android 14



Processor

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



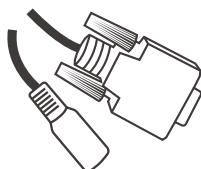
7" LCD panel

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



Unlimited wireless connection

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



Multiple interface

Serial port, GPIO, AHD camera in,
ACC, USB, Type C



Camera

2.0MP CMOS (front)



Ideal for driver

Portable design



Water/Dust-Proof

IP65 protection grade

SPECIFICATION

Core	
Processor	64bit RK3568 Quad-core Cortex-A55, up to 2.0GHz
Graphic	Mali-G52-2EE, 800MHz
RAM	2GB(4GB optional) LPDDR4
ROM	16GB(32GB optional) 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/3G (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)
	Docking station with cables
Optional	Sunshade

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

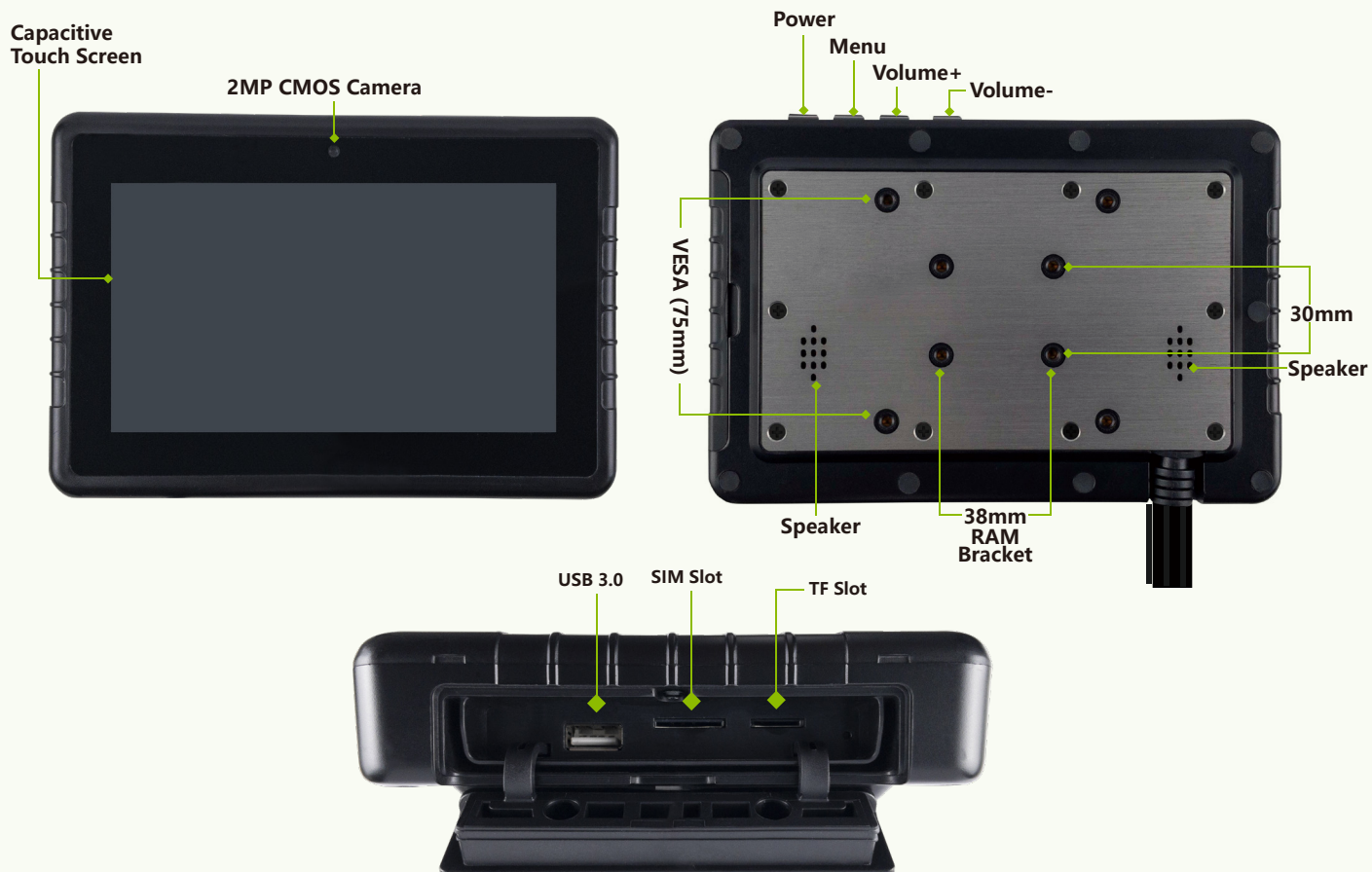
Power Supply	
DC In	12V DC (9~36V)
Battery	3.7V 2000mAh, Lithium-Polymer battery pack

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

Serial port



Cable option 1



Cable option 2



AC/DC Adaptor

