

In-Vehicle

V7

Mobile Data Terminal



PAL GROUP



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Tokyo Cool
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ノンステップバス

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V7 Mobile Data Terminal

7-Inch IP65 Grade In-Vehicle Tablet With Sun Shade

Equipping the in-vehicle workforce with digitalization to keep in coordination with their team, could add up to an immense boost in productivity. Waysion recognizes the importance of connectivity to the workers of the vehicle industry. V7 Mobile Data Terminal of Waysion is the technological revolution in the vehicle industry. V7 is an Android-based 7-inch mobile data terminal that is powered by Rockchip PX3 ARM® Cortex™-A9 quad-core processor. The newly designed enclosure provides a good ingress protection rating of IP65. With a sunshade hood, it can work in cab during the daytime. V7 integrates a variety of communication modules such as Wi-Fi, Bluetooth, 4G/3G cellular, and GPS. For more peripheral devices it has a pigtail cable to meet various I/O ports, like RS232, RJ45, USB, OTG, etc.

Ultra-Durable LCD Protection

V7 has the 7-inch LCD screen with a capacitive multi-touch panel. That means no stress over the scratch, drop, or impact with super-strong insurance construction. While the remainder of your gadget is effectively and completely secured by a strong metal, elastic, and plastic fenced-in area.

Provide Extreme Efficiency

V7 owns the Android 7.1 Nougat operating system that claims as the speaker of your languages. Through the newly added features of 7.1 Nougat, V7 supports not only efficient performance, user-friendly UI, and APIs but also app shortcuts, split-screen multi-tasking, revamped notifications and so many other functions.



Front-End Specification (General)

1 GB RAM(2GB optional), 8GB eMMC ROM(16GB optional), Rockchip PX3 Cortex-A9 Quad-core processor, 1.6GHz, integrated 2D/3D Mali-400MP4 GPU graphic card, 1800mAh battery, SIM card slot, RJ45 Ethernet port, internal microphone, Built-in CMOS front Camera, Wi-Fi, Bluetooth, Cellular 3G/4G, USB, RS232, RS422. These are key technical and front-end specifications of the V7 Mobile Data Terminal.

Limitless Wireless Connectivity

Take the whole office with you, regardless of where you go in the field, with a complete remote network, including Wi-Fi or potentially bursting quick 4G LTE Connectivity, versatile for your selection of transporters at east. Never be withdrawn, or unfit to get to the data required opportune. Slight, Durable Computing Power

CE/E-mark/RCM compliant

V7 meets the standards of various well-known regulatory bodies thus making the product internationally recognized.

Multiple Connections for External Equipment

V7 also provides multiple connections for external equipment It can be extended with USB, OTG, RS232 and Ethernet, etc. Through the extension of MDT with other peripherals, a user can feel more enjoyable experience.



Reliable consult service, necessary technical support together with 12-month standard warranty are guaranteed with Waysion's experienced technical team

For more information, visit <https://www.waysion.com/>

Specification

Core	
Processor	Rockchip PX3 Quad core ARM Cortex-A9 1.6GHz
Graphic	Integrated 2D/3D Mali-400MP4 GPU UP to 600MHz
RAM	1GB DDR3(2GB optional)
ROM	8GB eMMC(16GB optional)
OS	Android 7.1

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 a/b/g/n 2.4GHz
Bluetooth	Ver 4.0 (optional)
Cellular	4G optional (LTE, UMTS, GSM)
Positioning	Integrated GPS+GLONASS+BEIDOU(optional)

Multimedia	
Video	Video Decode: 30fps1080P(H.264/MPEG-4/VP8/H.265 DivX4/5/6) 30fps WVGA(H.263)
	Video Encode: 30fps1080P(H.264), 30fps WVGA(MPEG-4/VP8)
Audio	MP3, WMA, OGG, APE, FLAC, AAC etc.

User Interface	
Speaker	Built-in speaker(2W, 8Ω) x 2
Microphone	Internal microphone
Camera	0.3MP CMOS (front)
Onboard I/O ports	1 x TF card slot(up to 128GB)
	1 x SIM card slot
	1x USB Host(Type A)
Extended I/O ports (on pigtail cable)	1x RJ45
	2x RS232
	1x USB Host (Type A)
	1x DC IN
	1x OTG
Function Key	Power, Home, Volume+, Volume-, Reset
Power Light	LED light

Power Supply	
DC in	12V DC(9~36V)
Battery	3.7V 1800mAh, Lithium-Polymer battery pack

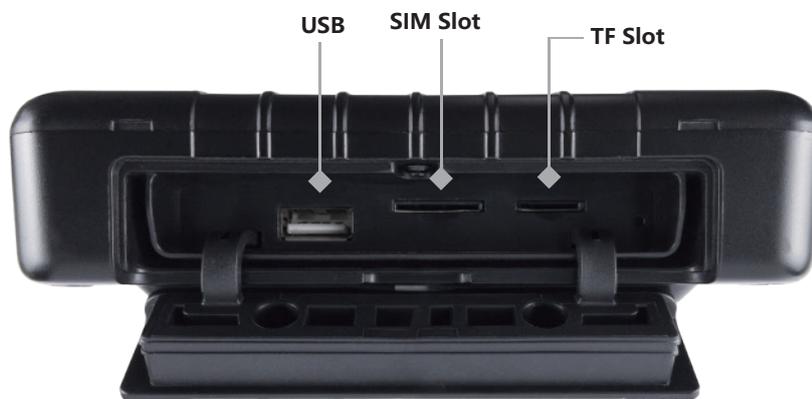
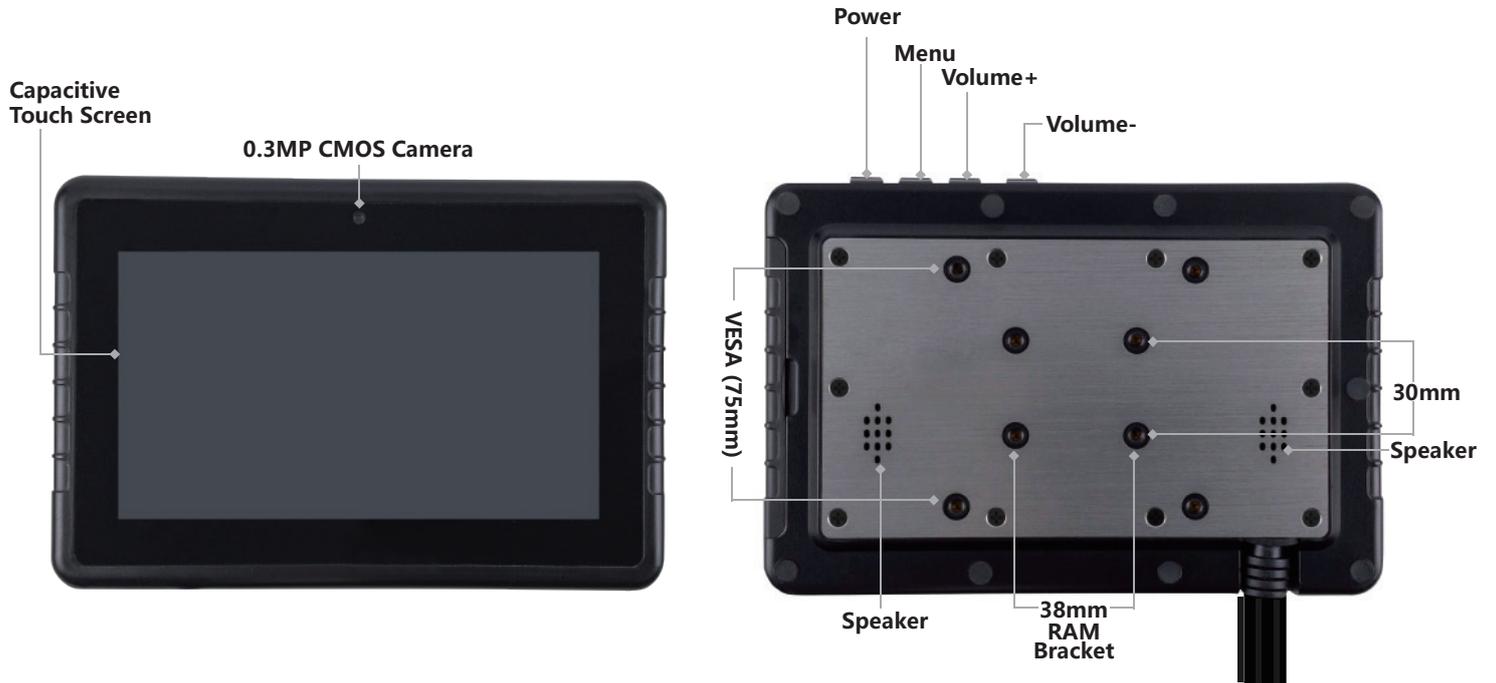
Power Consumption	
Normal mode	≤6W
Charging mode	≤10W

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)x136(W)x36(H) mm
Weight	0.79kg
Mount	75x75mm VESA or 38x30mm RAM compliant
Certification	CE/E-mark/RCM compliant

Accessories	
Standard	AC/DC adaptor or car power adaptor(optional)
	Extended cable
Optional	Sunshade

Interface



Accessories



DC ADAPTOR



Cable



- ① RS232
- ② RJ45
- ③ DC IN
- ④ RS422/485
- ⑤ OTG

WAYSION[®]

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