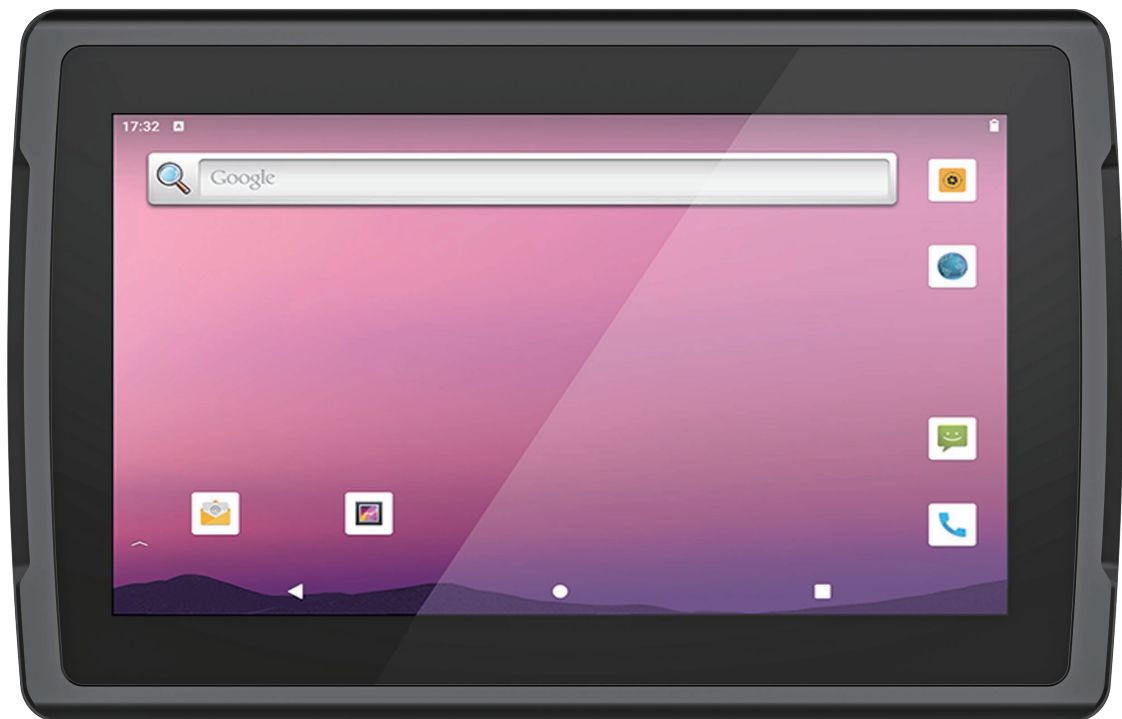


In-Vehicle

SYVR10R

Mobile Data Terminal



www.waysion.com

Specification

Physical Spec	
Dimension	282*181*31mm
Weight	910g
Core	
Processor	Quad-Core 64-bit Cortex-A55 Processor, with a maximum frequency of up to 2.0GHz
Graphic	Mali-G52-2EE
RAM	4GB (Optional 8GB)
ROM	64GB (Optional 128/256GB)
OS	Android 12 + Linux Dual-System
Display	
Size	10.1-inch 16:10
Resolutions	1280*800 IPS
Brightness	700cd/m ²
Touch Panel	5-Point Capacitive Screen, Hardness of 7H
Buttons	Power *1
	Customizable *1 (F1 Key)
	Customizable *1 (F2 Key)
Power Supply	6-36V (DC input, supports ignition detection)
ACC	Supports delayed power on/off switch
Speaker	3W Single Speaker
Microphone	Single MIC
RTC	Built in 2032 RTC dry battery
G-Sensor(Optional)	Built in
WIFI	Band: WIFI 802.11(a/b/g/n/ac) Frequency: 2.4G+5.0G (5.1G+5.8G) Others: Supports AP seamless roaming
Bluetooth	BT 5.0
4G (Optional)	LTE Cat 4 WCDMA: B1/B5/B8 TDD: B38/B40/B41 FDD: B1/B3/B5/B7/B8/B20/B28
GPS	Supports GPS (L1 1.575GHz C/A code), BeiDou (B1 1.561GHz), GLONASS (L1 1.602GHz)
Data Radio (Optional)	Frequency range: 410-470MHz

Functional Modules	
CAN	Supports 2 CAN channels Supports 250K/500K CAN Supports common agricultural machinery, engineering vehicle protocols such as J1939
RTK High Precision Locating (UM982) (Optional)	Dual-antenna positioning and orientation Dual-antenna mode supports BDS B11/B21/B31, GPS L1/L2/L5, GLONASS G1/G2, Galileo E1/ E5a/E5b, QZSS L1/L2/L5, SBAS
AHD Multi-Channel Cameras	Supports up to 4 AHD cameras

Interfaces	
SIM Card Slot	MICRO-SIM x 1
TF Card Slot	MICRO-SIM x 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 SM*2
26-PIN Deutsch Interfaces (Optional in the Solution)	Standard DC_IN DC_OUT 12V CAN*2 RS232*1 RS485*1 100Mbps Ethernet*1 Handheld microphone*1 External speaker*1 IO*2

Rugged Features	
Working Temp.	-20 °C to 60 °C
Storage Temp.	-30 °C to 85 °C
Power Protection	±6kV contact discharge, ±10kV air discharge (Optional: ±8kV contact discharge, ±12kV air discharge)
Humidity	95% Non-Condensing
IP Protection Level	IP67

Optional Accessories	26-PIN Deutsch Interface Functional Bus (Customized according to the solution)
	Bracket, RAM 38*30mm ball head
	ACC Power Cable
	DC Conversion Cable
	Power Adapter 12V/4A DC φ4.0
	GPS Vehicle Antenna Active GPS mushroom antenna, 3-meter cable, gain of 28dBi±2dBi
	4G External Suction Cup Antenna
Data Radio External Suction Cup Antenna	
RTK Mushroom Antenna (TNC Connector)	

Interface



Accessories (optional)



12V/4A Adapter



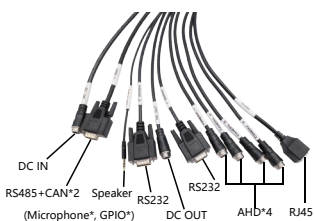
Bracket
RAM 38*30mm ball head



DC Patch Cord



ACC Power Cord



26-PIN Deutsch
Interface Functional Bus



RTK Mushroom Antenna
(TNC Connector)



GPS Vehicle Antenna



Data Radio External
Suction Cup Antenna



4G External
Suction Cup Antenna

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