

MAV Series ☀

MAV0802



8" Vehicle High Brightness Android Mobile Tablet PC



M12 Connector



MIL-STD-810G



NFC Module



Bluetooth



IP65

High
Brightness

- 8" Android 12 with GMS
- MTK MT6789 Octa-core
- 2000mAh, Li-polymer Battery
- High Brightness
- IP65, MIL-STD-810G
- Support NFC



Fleet Management



Vehicle Diagnostic



Agriculture Vehicles



Forklift Application



Logistics Operation

Specification

MAV0802

Display

Display Type	8" HD IPS
Resolution	800 x 1280
Brightness	700nits
Touch Panel	5-point tempered glass capacitive screen G+ hardness 6H

System

CPU	MTK MT6789 Octa-core
Memory	LPDDR4X 4GB
Storage	64GB UFS
Operating System	Android 12
I/O Ports	1 x Micro SIM Card 1 x USB 2.0 Type A 1 x M12 DC Input 1 x M12 100M Network Port 1 x M12 RS232 + RS232 1 x M12 USB2.0 + CAN Bus
Communication	WiFi - 802.11(a/b/g/n/ac) Dual frequency 2.4G+5.0G (5.1G+5.8G), Support AP seamless roaming 4G - GSM(B2/3/5/8)+WCDMA (B1/B2/5/8) + TDS (B34/B39) +FDD (B1/2/3/4/5/7/8/13/17/20/28AB) +TDD (B38/39/40/41) Bluetooth - BT 5.2 GPS - GPS (L1 1.575GHz C/A code), Beidou (B1 1.561GHz), GLONASS (L1 1.602GHz)

Physical

Audio	2.5W Single Horn
Module	NFC Module
Buttons	1 x Power 1 x Volume - Key (F1) 1 x Volume + Key (F2) 1 x Customizable (F3) 1 x Customizable (F4)
Battery	2000mAh, Li-polymer Battery
Power Adapter	DC 12V/4A
Product Dimension	218.1 x 154.5 x 23.0mm
Product Weight	611g
Standard Accessory	1 x Power Adapter 1 x WiFi Rod Antenna 1 x GPS Vehicle Mushroom Antenna 1 x 4G Rod Antenna 1 x M12 Function Adapter Cable 1 (12PIN USB2.0x1 + CAN Busx1) 1 x M12 Function Adapter Cable 2 (12PIN to full function RS232 power line + serial communication 485) 1 x M12 Function Adapter Cable 4 (12PIN to 100M RJ45) (Need to rebuild 4G small board and add LAN)

Environment

IP Rating	IP65
Certification	CE, FCC, CCC, MIL-STD-810H
Operating Temperature	-20°C ~ 60°C -10°C ~ 60°C (Battery Mode)
Storage Temperature	-30°C ~ 70°C
Relative Humidity	95% (non-condensing)
Warranty	2 Years

Overview



Optional Accessory



Wide Voltage Module
(9~36V Wide Voltage Input, 12V ± 0.5V Constant Voltage Output to Equipment)



M12 Function Adapter Cable 3
(12PIN to full function RS232 power line + serial communication 232)



M12 Function adapter cable 5
(12PIN to 12 loose wires 1.2m to meet the customer's demand for self connection)