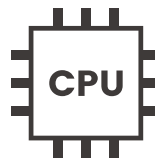# WAYSION
Drive Smart Technology

Q777
In-Vehicle Mobile Data Terminal Rugged Tablet

14 android

Android
Support Android 14

Processor
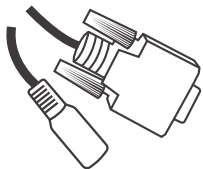RK3568 64-bit Quad-Core A55, up to 2GHz, Mali-G52 800MHz, 4GB LPDDR4, 32GB eMMC

7" LCD panel
7-inch IPS 1280×800 LED backlight

Unlimited wireless connection
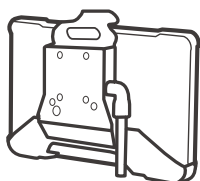4G LTE, WiFi, BT 5.0, GPS/GLONASS/BEIDOU NFC

Multiple interface
RS232, RS422/R485, AHD camera in, USB Type-C, ACC, reverse gear trigger

Camera
2.0MP CMOS (front)
5.0MP CMOS (back)

Ideal for driver
Portable design with vehicle docking station

Water/Dust-Proof
IP65 protection grade

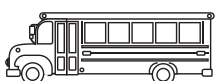## TYPICAL APPLICATIONS

Public Transportation | **Taxi Dispatch** | **Smart Mining** | **Forklift Safety** | **Fleet Management**

School bus | **Waste & Recycling Collections** | **Ambulance** | **Construction** | **Precision Agriculture**

Q777
In-Vehicle
Mobile Data Terminal
Rugged Tablet

WAYSION
Drive Smart Technology

SPECIFICATION

Core

Processor	RK3568 64-bit Quad-Core A55, up to 2GHz
GPU	Mali-G52 800MHz
NPU	Up to 1TOPS
RAM	4GB LPDDR4
ROM	32GB eMMC
OS	Android 14

Display

LCD panel	7-inch IPS, LED backlight
Resolutions	1280 × 800
Brightness	350 cd/m^2 (typical)
Contrast Ratio	800:1
View Angle (°)	85/85(L/R), 85/85(U/D)
Touch panel	Capacitive 5-point multi-touch screen P-CAP touch technology

Wireless

WiFi	IEEE 802.11 a/b/g/n/ac 2.4GHz & 5GHz
Bluetooth	Support Bluetooth 5.0 BLE
Cellular	4G
Positioning	Support GPS/GLONASS/BEIDOU External GPS receiver/antenna(option)

Optional Function

Camera	2.0MP CMOS (front)
	5.0MP CMOS (back)
NFC	ISO/IEC 14443 A&B, MiFare® 1K/4K, FeliCa, NFC Forum Type 1–5, ISO/IEC 15693
RTC	Built-in
MIC	Internal microphone
Light sensor	Built-in
Compass	Built-in
Gyroscope	Built-in
Speaker	speaker 1.5W

Multimedia

Video	Decode: 4K@60fps H.264&H.265&VP9 Profile0/2 video decode, 1080P multi-video decode. Encode: 1080P video encoding for H.264 and H.265
Audio	MP3, WMA, OGG, APE, FLAC, AAC etc.

User Interface

Onboard I/O ports	1 x TF card slot(up to 128GB)
	1 x SIM card slot
	1 x USB Type-C
	1 x Combo Audio Jack (audio+mic)
	1 x POGO PIN (20 PIN)
Extended I/O ports (on pigtail cable)	1 x ACC Input
	1 x Reverse Gear Trigger
	1 x RS232
	1 x RS422 (RS485 optional)
	1 x AHD Camera In
	1 x DC in (9~36V)
Function Key	Power, Menu, Home, Return
Power light	Red(charging), Green(full)

Power Supply

DC In	12V DC (9~36V)
Battery	3.7V 5000mAh, Lithium-Polymer battery pack (run-time up to 3 hours)

Power Consumption

Normal mode	≤9W
Charging mode	≤12.5W

Environment

Operating Temp	-20℃~70℃ (w/o battery)
	-10℃~50℃ (w/ battery)
Storage Temp	-20℃~80℃
IP Rating	IP65
Compliance	FCC, CE, ISO7637-2, ISO10605, ISO16750-2

Mechanical

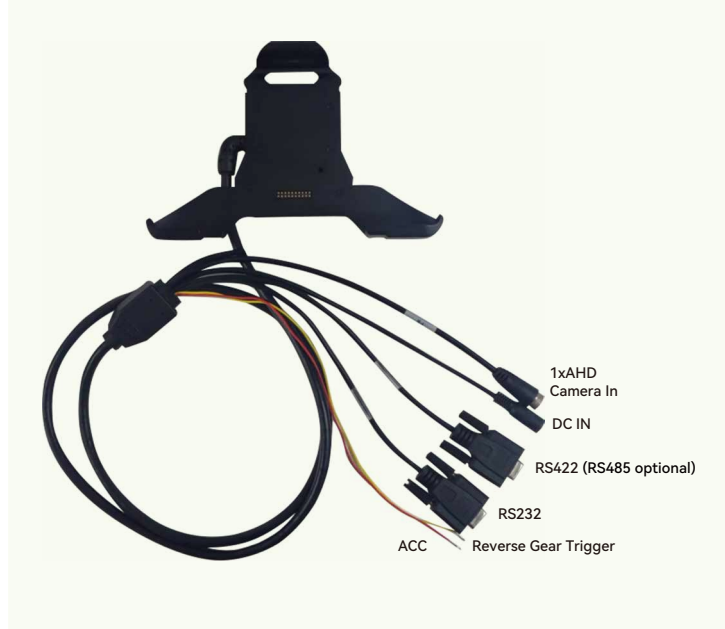|	
Dimensions	198(L) x 130(W) x 20(H) mm
Weight	465g
Mount	VESA, RAM, Double-T compliant

Accessories

Standard	AC/DC adaptor or car power adaptor(optional)
	Docking station with cables
Optional	External GPS receiver/antenna
	AHD Camera 720P/1080P

Q777
In-Vehicle
Mobile Data Terminal
Rugged Tablet

WAYSION
Drive Smart Technology

INTERFACE

2.0MP CMOS Camera

NFC

Power

Power

Flash

5.0MP Camera

M

SIM Card

Speaker

Micro SD

VESA 75mm

Menu   Home   Return

RAM 38mm

POGO PIN

Extended I/O Ports

Type C

Earphone Jack
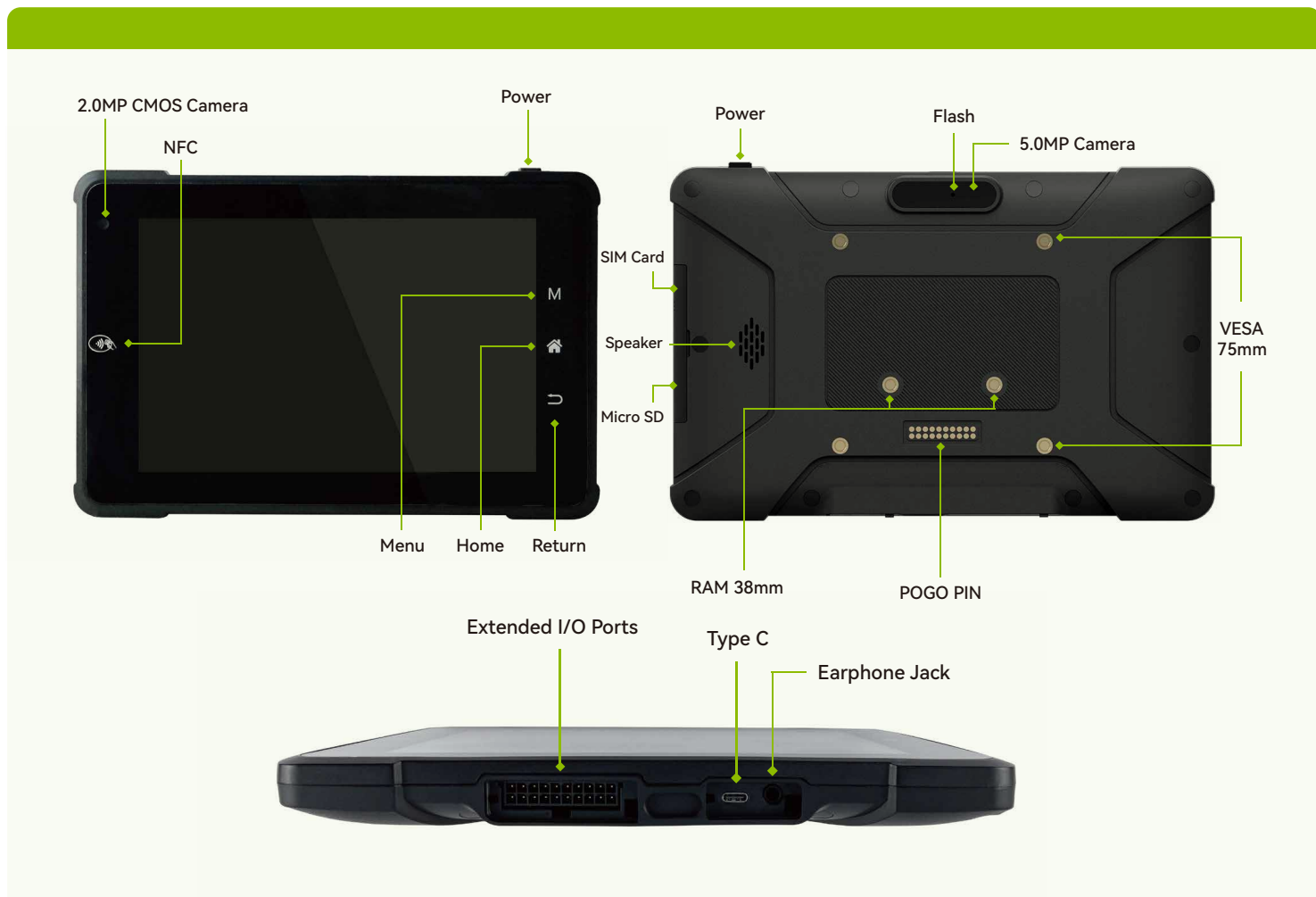
ACCESSORIES

Docking Station

1xAHD Camera In

DC IN

RS422 (RS485 optional)

RS232

ACC   Reverse Gear Trigger

AHD Camera 720P/1080P

Gmouse

AC/DC Adaptor