

## 7" High-end AI MDT

### Hero-MDT-AT5 v5



Advanced Android Mobile Data Terminal, Quad core ARM CPU, Android 11 OS, capacitive touch control screen, support rich AI video features, with built-in RFID/NFC reader and rich interfaces

## Key Features

- Android 11 OS: faster and easier for integration
- Powerful CPU: Quad core 64-bit CPU, 2.0 GHz
- 7-inch 1024\*600 capacitive multi-point touch control screen
- Powerful video recording ability and video AI features
- Ruggedized design for vehicle environment and operation
- Built-in RFID/NFC reader, and customizable hard keys

## Specifications

Model	Hero-MDT-AT5 V5
General	
CPU	Quad-core 64-bit, 2.0GHz
Memory (RAM)	2GB (optional: 4GB/8GB)
Storage (ROM)	32GB (optional: 64GB)
Screen	7-inch LCD screen, resolution 1024*600, brightness 550cd/m <sup>2</sup>
External storage	Support 1 pcs external TF card, up to 512GB
Built-in microphone	Built-in
Built-in speaker	Built-in
Bluetooth	Supported, BT 5.0
4G	Built-in. Support different optional modules for different regions
GNSS	Built-in. Supports dual-mode by default (GPS+Beidou / GPS+GLONASS), with external antenna
WiFi	Built-in. 2.4GHz
GSM	Support calling and texting
RFID	Support built-in RFID or NFC (optional)
SIM card	Micro-SIM card, support hot swap detection
USB camera	Supported
AHD camera	Not supported
G-sensor	Built-in 6 axis g-sensor
System	
OS	Android 11.0
TTS voice broadcast	Support
Startup logo function	Customized
Remote upgrade	Support MDT OS platform remote upgrade
U disk upgrade	Support
Google services	Support
Image decoding	H.264/H.265 decoding

Factory test software	Support
SDK	SDK provided, for developing App by customers. Compatible with AT5 V1 or V2 SDK
Scheduled restart function	Support setting a scheduled restart at a certain time every day
AI	Optional: Face recognition, Passenger Counting
Ethernet	Support router distribution
<b>Interface</b>	
USB OTG	1 x USB 2.0 (Micro USB)
TF card	Support 1 x TF card
USB interface	3 x USB 2.0 (Type A)
RS232	1 x
Power Output	1 x 12V output (1A)
Network port	1 x Ethernet (RJ45 female network port)
GPS antenna interface	SMA connector
Pulse	1 x
DatHub	Support mini datahub (Model: HW-HUB02), to extend with more interfaces
<b>Button Description</b>	
F1	Default: volume +, User-define-able
F2	Default: volume -, User-define-able
F3	Turn off the screen by default and support customization
Reserved buttons	3 hard keys, for user define
<b>Power</b>	
Power supply	9-32V
Power consumption	5W, maximum full load 25W
Working temperature	-20 ℃ ~ +70℃
Storage temperature	-40℃ ~ +80℃
Protection level	IP44
Power box	With external powerbox, for power-loss protection
Dimensions	220.7 * 118.8 * 28.3 mm

## Dimensions

Unit: mm

