
AIDC GO HX-24

Touchscreen barcode handheld

Detailed technical reference

Detailed technical tables and diagrams are retained in this reference.

Configuration, accessories and regional options are confirmed through AIDC GO.



AIDC GO HX-24 | Technical reference

Configuration, accessories and regional options are confirmed per project.

Basic Parameter

Overall size	164 × 77.6 × 16 ± 2mm
Overall weight	275g(Includes battery)
Display sereen	Tough 6 in.FHD 1080*2160
Touch screen	Support capacitive pen multi-touch
Expansion slot	1 sim slot, 1 TF slot
Interface	Type-c data interface
Indicator lamp	Charge indicator lamp
Keyboard	Scan/power/volume button
Camera	Front camera 5MP Rear camera 13 MP
Flashlight	Low power LED lighting emergency use
GPS	GPS(embedded A-GPS) accuracy of 10 m

Performance Parameter

CPU	Octa-core 64-bit processor, 2.3GHz
Storage	RAM:4GB ROM:64GB
Extended	Support MicroS(max 256GB expansion)
OS	Android 15
Data Communication	4G:TD-LTE Band38/39/40/41 FDD-LTE Band 1,2,3,4,7,17,20 3G:WCDMA(850/1900/2100MHz); 2G:GSM/GPRS/Edge (850/900/1800/1900MHz)
WIFI	2.4G/5G dual band.Comp;iance with IEEE802.11a/b/g/n/ac
Bluetooth	Bluetooth 5.1

Working Environment

Operating Temp	-10℃~50℃
Storage Temp	-20℃~70℃
Humidity	5%~95% (non-condensation)
IP rate	Configuration dependent

Battery Performance

Battery capacity	5050mAh lithium polymer battery
Standby time	About 360 hours after turn off all functions
Charging time	Less than 4 hours
Working hours	More than 12 hours (once full charge)

Barcode Acquisition

Scan engine	2D barcode Scanner
Supports 2D barcodetypes	All major 1D barcode
	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes,US PostNet, US Planet, UK Postal, Australian Postal,Japan Postal, Dutch Postal etc.

NFC Function

Operating freque	13.56MHz
Protocol standanrd	ISO14443A/B ISO15693, NFC-IP1,NFC-IP2,etc.
Label standard	M1card (S50,S70), CPU cards, NFC tags,etc
Read write distan	0-3cm

Attachment

Standard	1 lithium battery, 1 power adapter 1 Type-c charging cable	
Optional	 charging cradle (Optional)	 protective case (Optional)