
AIDC GO HX-21

Keyboard 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-21 | Technical reference

Configuration, accessories and regional options are confirmed per project.

Basic Parameter

Overall size	164 × 67 × 18.7 ± 2mm
Overall weight	271g(Includes battery)
Display sereen	4.inch IPS high–definition screen, resolution
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	Numeric keypad/function keys/scan keys direction keys
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	5000mAh lithium polymer battery
Standby time	About 360 hours after turn off all functions
Charging time	Less than 4 hours
Working hours	12hours(full charged)

Barcode Acquisition

Barcode	2D barcode for 1D/2D code
Scan engine	E52/E60/HS7/SE4710/SE5500.etc
Supports 2D barcodetypes	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 al.

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)