



iData K3 Pro

New Generation Professional Android Keyboard Terminal

Significantly upgrade in platform processing capacity to handle more challenges

iData K3 Pro is a newly released Professional-level Android keyboard terminal. It retains the same product appearance as its previous version, available in both right-angle and tilt-angle options, significantly upgrade in platform processing capacity and scanning performance, etc. Besides, it's been upgraded to the latest O.S. version, allowing workers to not only enjoy the enhanced performance without changing the current operational behaviors, but also extend the product lifespan to help cut enterprise costs and increase operational efficiency.

Significant Enhancements in Platform Performance to Cope with More Challenges Effortlessly

The newly upgraded CPU boasts an **AnTuTu benchmark score exceeding 200,000***, paired with the latest Android 14.0, providing frontline workers with a user experience comparable to mainstream smartphones. Besides, it dramatically extends the product lifespan for workers to cope with the current and future challenges effortlessly.

Enhanced Scanning Performance to increase operational efficiency dramatically

Featuring iData's latest scanning engine, the device can quickly capture almost any 1D/2D barcode to increase operational efficiency dramatically. With both right-angle and tilt-angle scanning options, the 27° optimal scanning angle enables easy scanning and information confirmation without lifting the device.

Continuously Upgrading Battery Life to Improve Device Durability

The newly upgraded 5000mAh removable battery design with backup power support greatly enhances the device's battery life. When the device is low on power, there is no need to shut it down; simply replace the battery, and it is ready to use immediately. Equipped with proper protective design, the device can work steadily in harsh environments and survive accidental drops, etc.



Inbound management



Inventory management



E-commerce Shipment



Production management

*Due to limitations of the test environment and the version of AnTuTu, actual benchmark scores may vary.

K3 Pro Technical Specifications

System Configuration

Processor	Octa-core 2.0GHz high-performance processor
Operating System	Android 14.0
Memory (ROM + RAM)	64GB+4GB (standard)
SIM	Single SIM card
Expansion Slot	Micro SD card (up to 512 GB)
Display Screen	4-inch, resolution: 800*480 pixels
Touch Screen	Industrial capacitive screen, support wet-hand operation/glove mode/multi-touch/gesture operation
Camera	8MP rear camera, support auto-focus
Flashlight	800mA flashlight
Keypad	28 keypads: front key*24, side scan key *2, side power key *1, side custom key*1
Battery	3.85V lithium battery, with 5000mAh, detachable, backup battery support
Audio	Built-in microphone
Charging Method	Type-C charging and pin port charging, support 18W fast charging
Reminder	High power speaker/Vibration reminder/LED reminder
Vibrating Motor	Built-in vibrating motor
Sensors	G-sensor/Proximity sensor/Light sensor/Gyroscope/Geomagnetic sensor(optional)
Intercom Function (Optional)	Support one-button PTT calls

Structure Parameter

Dimension (L*W*D)	162mm*68mm*19mm (the thickest part of tilt-angle version is 29.4mm)
Weight	278g (Battery included)

Environmental Parameter

Working Temperature	-20°C - 60°C *Do not charge under low temperature conditions for the safety concerns
Storage Temperature	-40°C - 70°C (without the battery)
Humidity	0 - 95% (no moisture condensation)
Drop Specification	Multiple drops to concrete floor from the height of 1.5m
Roller Drop Specification	1000 times of roller drops from a height of 0.5 meter
Ingress Protection	IP65
ESD Protection	±15KV (air discharge), ±8KV (contact discharge)

Communication Interface

USB Interface	Type-C (with headset function) *1
OTG Interface	Support

Scanning Engine

Barcode Type	It can scan one-dimensional / two-dimensional barcodes
Scanning Accuracy	≥3.33mil
Scanning Angle	Pitch: ±60°; Skew: ±45°; Tilt: 360°
View Angle	Horizontal: 44.3°, Vertical: 28.4°, Diagonal: 51°
Motion Error Tolerance	8m/s

Communication Transmission

WWAN (Network frequency)	China & Eurasian version: 2G: B2/B3/B5/B8 3G: WCDMA: B1/B5/B8 4G: FDD-LTE: B1/B3/B5/B7/B8/B20 TDD-LTE: B34/B38/B39/B40/B41 American version: 2G: B2/B3/B5 3G: B1/B2/B4/B5 4G: B1/B2/B3/B4/B5/B7/B12/B17/B28A/B28B/B41/B66/B71
WWAN (Data service)	GSM/GPRS/EDGE/UMTS/HSPA/HSPA+/WCDMA/TDD-LTE/FDD-LTE
WLAN Function	Wi-Fi 802.11 a/b/g/n/r/ac (2.4G+5G dual-band Wi-Fi), support fast roaming
Bluetooth	Bluetooth 5.0, support BLE
GPS	GPS/AGPS/BDS/Galileo/GLONASS/QZSS

NFC (Optional)

Working Frequency	13.56 MHz
Reading Distance	Within 20 mm
Communication Protocol	ISO14443A/14443B/15693

Development Support

Programming Language	Java
Development API	iScan API (Scanning Development Kits), Device API (Device Management/Configuration Development Kits), Android Standard Interface
Development Tool	Eclipse/Android Studio

Accessories (More details in accessories guide)

Standard Accessories	USB cable*1, power adapter*1, device-back strap*1, battery*1
Optional Accessories	Single charging cradle, bottom charger, 4-slot charging cradle, 4-slot battery charging cradle, fanny pack, hand strap, protective film, protective case

The information of iData products and software service may be subject to change without notice. Please contact your iData sales representative for the latest details.



Official Website

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Each product comes with a pack of practical and cost-effective accessories

USB Cable

Type-C to USB cable, 1m in length, support charging and data transmission



CHA-USBC-GNR

Battery

5000mAh, detachable, equipped with one battery.

PS: additional battery units are available for purchase



CHA-BTRY-K3S-5000MA

Device-back Strap

Attach on the device back to help you hold the device easily and firmly, avoid accidental drops



MNT-BS-K3

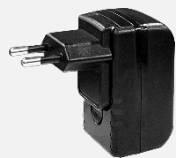
Power Adapter

Input voltage 100-240V, output 5V2A. Support plug types of China/Europe/UK/US/Australia, match with CHA-USBC-GNR

ps: select one of the available power adapters



CHA-PWAD-GNR-5V2A-CN



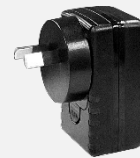
CHA-PWAD-GNR-5V2A-EU



CHA-PWAD-GNR-5V2A-UK



CHA-PWAD-GNR-5V2A-US



CHA-PWAD-GNR-5V2A-AU

Improve management efficiency of devices and operational level of enterprises

Bottom Charger

Bottom charger for the main unit, support charging for 1 device.
USB-A port, can connect with CHA-PWAD-GNR-5V2A-XX accessory



CHA-BTC-K3

Battery

5000mAh, detachable, equipped with one battery.
PS: additional battery units are available for purchase



CHA-BTRY-K3S-5000MA

Single Charging Cradle

Support charging for 1 main unit. Support plug types of China/Europe/UK/US/Australia

ps: select one of the available power adapters



CHA-CRD1S-K3

4-slot Charging Cradle

Constituted by 4 CHA-CRD1S-K3 Pro, support maximum charging of 4 main units at the same time. Support plug types of China/Europe/UK/US/Australia

ps: select one of the available power adapters



CHA-CRD4S-K3

4-slot Battery Charging Cradle

Support maximum charging of 4 batteries at the same time. Support plug types of China/Europe/UK/US/Australia

ps: select one of the available power adapters



CHA-CRD4B-K3S

Improve device portability and comfort for users, boost working efficiency

Fanny Pack

Used to carry main units and other accessories. Can be tied to the waist or used as a crossbody bag



MNT-FP-GNR

Hand Strap

Wear on your wrist to carry the device, avoid accidental drops, and assure the safety of equipment

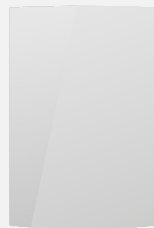


MNT-HS-GNR

Lower risks of malfunction during usage, extend lifespan of devices

Protective Film

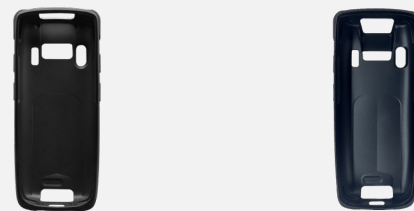
Protective film for touchscreen. It can protect the screen from cracking or being scratched in case there's any accidental drops or impact during usage



PRT-PTF-K3

Protective Case

Protective case for the main unit. It can prevent the malfunction of main unit in case there's any accidental drops or impact during usage



Right angle: PRT-PTC-K3-RA Tilt angle: PRT-PTC-K3-TA

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