iData T1

Thin, great capacity, and best value

"Thin" as well as "great capacity"

The thin PDA with a 5.5-inch full-screen could be held in one hand;
Strong protection level:impact resistant up to 1.5m, IP68 dust and water resistance, noise resistance, cold and heat resistance, clear vision under strong light on the screen, touch control for both gloves or dry & wet hands.

Professional functions for everything

Full code scan: scan faster, longer and further;
Enterprise-level Wi-Fi: deep optimization, extremely fast roaming, easy to deal with more complex Wi-Fi scenarios;
Security recognition: cameras on both front and back in supporting face recognition and fingerprint recognition;
PTT (push to talk): customization available. Connect "one-to-one" and "one-to-many" calls very quickly.

Basic functions, better performance

Android 9.0/10.0;
8-core 2.0GHz CPU • 6GB +128GB maximum memory;
Full Netcom dual SIM dual standby • BT5.0 • NFC • Front and rear dual cameras • 5000mAh large battery;
GPS/AGPS/Big Dipper/Galileo/GLONASS/QZSS.

Main application areas

Smart retail | Mobile medical | medicine administration | Asset management | Smart transportation | Mobile law enforcement

CCC CE RoHS

System configuration

Processor	Octa-core 2.0 GHz
Operating system	Android 9.0(Chinese version) /Android 10.0 (GMS)
Memory (ROM+RAM)	16GB+2GB (standard) , 64GB+4GB (optional)
SIM	Three select two card slots, support dual card dual standby
	*Three-choice two-card slot: Two cards can be placed at the same time, nano SIM card + nano SIM card/nano SIM card + TF card
	Wi-Fi Only：SIM not available
Expansion slot	Micro SD card, up to 256 GB
	Wi-Fi Only：Expansion slot not available
Display screen	5.5-inch, resolution: 1440*720 pixel
Touch screen	Industrial capacitive screen, supporting wet hand operation/- multi-touch + gesture operation
Camera	Rear 13 million pixel camera, front 5 million pixel camera, support PDAF
Flashlight	800mA flashlight
Keyboard	Total 3 keys, side scan key*2, side power key*1
Battery	Lithium battery 3.8V power supply, 5000mAh, non-removable
	*Executive standard: GB31241-2014
Audio	Built-in dual microphones (noise reduction microphone)
Charging	Type-C charging and pin port charging, 10W fast charging
Prompts	Vibration reminder/LED reminder/audio reminder
Fingerprint recognition	Supporting
Vibrating motor	Vibrator built-in
Sensor	Gravity sensor (G-sensor) / Proximity sensor / Light sensor

Communication transmission

Wireless wide area network (Network frequency)	2G：B2/B3/B5/B8
	3G：WCDMA：B1/B5/B8，CDMA：BC0, TD-SCDMA:B34/B39
	4G：FDD-LTE：B1/B3/B5/B7/B8/B20, TDD-LTE：B34/B38/B39/B40/B41
	Wifi Only：Not available
Wireless wide area network (Data service)	GSM/GPRS/EDGE/CDMA/UMTS/HSPA/HSPA+/EVDO/WCDMA/ TD-SCDMA/TDD-LTE/FDD-LTE
	Wifi Only：Not available
WLAN	Wi-Fi 802.11a/b/g/n/r/ac (2.4G+5G dual-band Wi-Fi) ,Wi-Fi 5G PA
Bluetooth	Bluetooth 5.0+BLE
GPS	GPS/AGPS/Beidou/Galileo/GLONASS/QZSS

NFC (Optional)

Frequency	13.56MHz
Reading distance	Within 30mm
Communication protocol	ISO14443A/14443B/15693

Operating environment

Working temperature	-20℃~60℃
	*For your safety, please do not charge in a low temperature environment
Storage temperature	-40℃~70℃ (Without battery)
Humidity	0%～95% (no condensation)
Drop specification	1.5m concrete floor drop
Roller drop specification	500 times of roller drops from a height of 1 meters
Protection level	IP68
Electrostatic protection	±15KV (air discharge), ±8KV (contact discharge)

Structure parameters

Dimension (L*W*D)	157mm*74mm*13.6mm
Weight	230g(With battery)

Development support

Development language	Java
API	iScan API (Scan Development Kit), Device API (Device Management/Configuration Development Kit), Android standard interface
Development tool	Eclipse/Android Studio

Accessories

Standard accessories	USB cable*1, power adaptor*1, hand strap*1
Optional accessories	Single cradle, 4-slot terminal cradle

Scan engine

Barcode	Support 1D/2D scanning engine
Scanning accuracy	≥3.33mil
Scanning angle	Tilt ±60°；Deflection ±60°；Rotation 360°
Angular Field of View	Horizontal: 44.3°; Vertical: 28.4°; Diagonal: 51°
Motion tolerance	8m/s

Input/output interface

USB interface	Type-C (with earphone function) *1
OTG interface	Supporting

Note:As the product line is updating from time to time, the information in this document is subject to change without notice.

website

Intelligence to Future | iData