

iData T2G Smart Mobile Terminal

Greater 5G terminal, Ready for Any Challenge



➤ 5G Communication, Efficient and Stable

- 5G common networks compatible, first-ever 5G device, with an astonishing transmission speed which is up to 100 times than the 4G version. The peak rate could reach up to 20Gbps. It supports 5G modes of SA, NSA and Sub6, which fulfills mass data transmission rapidly for your staffs without Wi-Fi limitation.
- 5G Wi-Fi support. It features better performance, higher transmission efficiency, more efficient operation, and more stable connection. It can meet the great demand of data transmission when many staffs are connecting the same AP indoors.

➤ Excellent Core, Strong Performance

- Octa-core 2.0GHz 5G chip, which features advanced 7nm technique, has a greater performance in power consumption, operation stability and battery life. Your staffs can work fast with a smoother experience, handling the mainstream software easily.
- The chip supports Bluetooth 5.1, it has direction finding function and centimeter-level positioning service. Thanks to the help of the stronger Bluetooth technique, your staffs can connect accessories faster, or conduct the mass data transmission quicker.

➤ Ultra-large Screen, Rapid Capture and Input

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- The 6.21-inch full water drop screen displays content clearly and comprehensively. Your staffs won't feel eye-fatigue after long time working.
- With 1520*720 ultra-clear resolution display, your staffs will never miss important messages even working outdoors under strong light condition.
- The industrial-grade capacitive touch-control screen supports operations by gloves, wet and dry hands, so that your staffs can work continuously in any environment.

➤ □ User-friendly Device Design

- With Push-to-talk intercom, it supports more than 50,000 people to access simultaneously, 15,000+ people to communicate online at the same time. Your staffs can communicate with each other anytime anywhere, handling the work as fast as they can. Besides, the 1W high-power speaker + exclusive vocal design enables your staffs to hear notification and scanning sounds clearly in noisy environments.
- The pistol handle makes the barcode scanning easier for your staffs, it can also capture barcodes at high places or far distance.
- With the help of rear dual-camera, your staff can take photos of goods and upload them, then all the on-site pictures could be sent to the backstage management personnel in time. Furthermore, it can also match with the facial recognition system for personnel management.
- The dual-card dual-standby SIM card design allows you to choose the appropriate carrier with the strongest reception while dealing work in different environments.

➤ Ultra-rugged Protection and Long-lasting Battery Life

- With IP67 protection grade, Bicolor injection molding housing, and hard rubber structure, the device becomes ultra-rugged, and survives drops to concrete at 1.5m. Your staffs can apply it to any environments with longer product lifespan.
- By the combination of Android 11.0/12.0, the system becomes more stable and safer, power consumption is lower, and the battery life is longer. It supports usage for an entire shift. The lifespan also extends accordingly.
- Equipped with 6700mAh removable battery + 4500mAh built-in battery, it can easily survives high-intensity work 24h/7day, and the battery can be replaced without shutting down the device.

➤ Efficient Communication and Rapid Deployment

- The USB3.0 interface, which is 1000% faster than the USB2.0 in transmission rate, can be compatible with iData software. It can transfer all data from the used device into a new one. Your staffs can get used to the new device quickly, as it is almost the same as the used one while new device replaced.
- iData "MDM" equipment management system can greatly improve your company's equipment management efficiency and reduce losses due to inappropriate management.

Applications

Retail

- Display and removal
- Store inventory management
- Mobile cashier

Logistics

- Inventory management
- Receiving and delivery

Manufacturing

- Healthcare
- Public utilities

System Configuration

Processor	Octa-core 2.0GHz high-performance processor
Operating System	Android 11.0/12.0
Memory (ROM+RAM)	64GB+4GB (standard),128GB+6GB (optional)
SIM	Two out of three SIM card slots, support dual SIM and dual standby * Two out of three SIM card slots: two cards can be held at the same time, Nano SIM card + Nano SIM card /Nano SIM card +TF card
Expansion Slot	Micro SD card (up to 1TB)
Display Screen	6.21-inch, resolution: 1520*720 pixels
Touch Screen	Industrial capacitive screen, support wet-hand operation/glove mode/multi-touch/gesture operation
Camera	16 megapixels of top camera, 5 megapixels of front camera, support auto-focusing
Flashlight	800mA flashlight
Keypad	6 keypads in total: side scan key*2, side power key*1, side ±volume key*2, handle key*1
Battery	Device: 3.85V lithium battery, with 4500mAh built-in Handle: 3.6V lithium battery, with 6700mAh, detachable * Execution standard: GB31241-2014
Audio	Built-in microphone (noise-cancelling microphone)
Charging Method	Type-C charging and pin port charging, support 18W fast charging
Reminder	High-power speaker/Vibration reminder/LED reminder/Audio reminder
Vibration Motor	Built-in vibration motor
Sensors	G-sensor/ Proximity sensor/Light sensor/Geomagnetic sensor/ Gyroscope
Intercom Function (Optional)	Support one-button PTT calls

Structure Parameter

Dimension(H*W*D)	168mm *79mm *145mm
Weight	485g (including the battery)

Communication Transmission

WWAN (Network Frequency)	Chinese & Eurasian Version 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 5G: N1/N3/N38/N41/N77/N78/N79
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	American Version: 2G:B2/B3/B5 3G:B1/B2/B4/B5, CDMA BC0/BC1(The United States) 4G:B1/B2/B3/B4/B5/B7/B12/B17/B28A/B28B/B41 5G:N1/N3/N38/N41/N77/N78/N79
WWAN (Data Service)	GSM/GPRS/EDGE/CDMA/UMTS/HSPA/HSPA+/EVDO/WCDMA/TD-SCDMA/TDD-LTE/FDD-LTE/SA/NSA/Sub6
WLAN Function	Wi-Fi 802.11 /a/b/g/n/ac/d/e/h/i/j/k/r/v/w (2.4G + 5G dual-band Wi-Fi) , support fast roaming
Bluetooth	Bluetooth 5.1, support BLE
GPS	GPS/AGPS/BDS/Galileo/GLONASS/QZSS/GNSS

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	500 times of roller drops from a height of 0.5 meters
Ingress Protection	IP67
ESD Protection	±15KV (air discharge), ±8KV (contact discharge)

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 Interface

USB Interface	Type-C (with headset function) *1, USB 3.0
OTG Interface	Support
PSAM (Optional)	Support PSAM*1

Development Support

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

Accessories

Standard Accessories	USB cable*1, power adapter *1
Optional Accessories	Single charging cradle, 2-battery charger



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Notes: Product data may change, if any questions or inquiries,
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