

iData T2

Light and thin screen,
showing excellence



Over-large screen for convenient information reading and efficient input

The 6.21-inches water-drop full-screen answers to the eye fatigue problem, allowing for easy reading;

1520*720 ultra-high resolution presents ultra-clear display, ensuring unaffected work under strong light, thus avoiding troubles caused by sight problems.

Design for easy control

The rear dual-camera design can facilitate employees to take pictures of goods and upload them, allowing quick transmission to the administrative staff; it also works with the face identification system to facilitate personnel management;

The dual-SIM cards design allows free choice of the operator and SIM card, with the optimal signal to meet demands in various working environments.

High-level protection and long working hours

The IP67 protection level, two-color injection molding of the shell, hard rubber structure and soft rubber cushion add aesthetic and increase the resistance to the damage of falling down, the 1.5 meters altitude causes no damage to the function of the device, added by a prolonged service life, employees can use it securely in any conditions.

Efficient communication and rapid deployment

The transmission speed of USB3.0 interface, compared with USB2.0's, has increased by 1000%, with iData software, it can quickly transfer all data and settings of old device to the new, employees can keep their original work habits and use it quickly, and can also realize efficient device replacement.



Smart retail



Mobile medical



Medicine administration



Asset management



Smart transportation

iData T2S(5G) Specifications



System configurations

Processor	Octa-core 2.0GHz high performance processor
OS	Android 11.0
Memory (ROM+RAM)	64GB+4GB(standard), 128GB+6GB(optional)
SIM	3-choice dual-card slot, supports dual-card dual-standby *3-choice dual card slot means two cards can be inserted at the same time, it could be either Nano SIM card+Nano Sim card or nano SIM card + TF card.
Expansion slot	Micro SD card (up to 1TB)
Screen	6.21 inches, resolution 1520*720 pixels
Touch screen	Industrial-grade capacitive screen. It supports wet-hand/gesture/multi-touch/glove modes
Camera	16-million pixels rear camera + 300-thousand pixels sub-camera, 5-million pixels front camera, auto focus
Flash lights	800mA flash light
Keypads	5 keypads in total; side scan key*2 side \pm volume key*2, side power key*1
Battery	Lithium battery 3.85V power supply, 4500mAh, detachable, Lithium battery 3.85V power supply, 4200mAh, detachable, NFC compatible, wireless charging; *Executive standard: GB31241-2014
Audio	Built-in dual microphone (noise cancelling microphone)
Charging	Type-C charging and pin port charging, it supports 18W fast charge
Notification	High-power speaker/vibration reminder/LED reminder/audio notification
Fingerprint identification	Back fingerprint identification
Vibration motor	Built-in vibration motor
Sensor	G-sensor/Proximity sensor/Light sensor/Geomagnetic sensor/Gyroscope

Structural parameters

Size (H*W*D)	168mm*79mm*13.7mm (Thickest 25mm)
Weight	245g (battery included)

Communication interface

USB interface	Type-C (with earphone function) *1, USB 3.0
OTG interface	Compatible

Environmental parameters

Working Temperature	-20°C~60°C
Storage Temperature	*Do not charge under low temperature conditions for the safety concerns
Humidity	-40°C~70°C (battery not included)
Impact resistant specification	0~95% (No condensation)
Roller drop specification	1.5 meters multiple concrete impact resistant
Ingress Protection	500 times 0.5 meter high place roller drop
electrostatic protection	IP67
	\pm 15KV (air discharge), \pm 8KV (contact discharge)

Scanning engine

Barcode types	It can scan one dimension /two dimension barcodes
Scanning Accuracy	\geq 3.33mil
Scanning Angle	Pitch: \pm 60°; skew: \pm 45°; tilt: 360°
View angle	Horizontal: 44.3°, Vertical: 28.4°, Diagonal: 51°
Motionerror tolerance	8m/s

UHF RFID

Communication protocol	ISO18000-6C/EPC Class1 Gen2
Working frequency	920MHz~925MHz/902MHz~928MHz/865MHz~868MHz
Output power	0~25dBm (standard), 5~30dBm (optional)
Antenna	Circular polarization antenna
Reading distance	Up to 6m

NFC (Optional)

Frequency	13.56MHz
Reading distance	Within 60mm
Communication protocol	ISO14443A/14443B/15693

Development support

Programming language	Java
Development API	iScan API (Scanning Development kits), Device API (Devicemanagement /configuration development kits), Android standard interface
Development tools	Eclipse/Android Studio

Communication transmission

Wireless WAN (Frequency)	China & Eurasian Version
	2G: B2/B3/B5/B8
	3G: WCDMA: B1/B5/B8, CDMA BCO, 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
Wireless WAN (Data modes)	American Version:
	2G: B2/B3/B5
	3G: B1/B2/B4/B5, CDMA BCO/BC1 (U.S.)
	4G: B1/B2/B3/B4/B5/B7/B12/B17/B28A/B28B/B41
	5G: N1/N3/N38/N41/N77/N78/N79
WLAN Function	GSM/GPRS/EDGE/CDMA/UMTS/HSPA/HSPA+/EVDO/WCDMA /TD-SCDMA /TDD-LTE/FDD-LTE/SA/NSA/Sub6
Bluetooth	Wi-Fi 802.11 a/b/g/n/ac (2.4G+5G dual-band Wi-Fi, fast roaming)
GPS	Bluetooth 5.1
	GPS/AGPS/Beidou/ Galileo/GLONASS/QZSS/GNSS

Accessories

Accessories (standard)	USB cable*1, power adapter *1, Hand string *1, Wrist strap*1
Accessories (optional)	Charging clip, single charging cradle, 4-device charger; 4-battery charger; protective case

The information of iData products and software service may change. Please contact your iData sales representative for details.



website

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	4G: B1/B2/B3/B4/B5/B7/B12/B17/B28A/B28B/B41
WLAN Function	Wi-Fi 802.11/a/b/g/n/ac (2.4G+5G dual-band Wi-Fi, fast roaming, Wi-Fi 5G PA amplifier)
Bluetooth	Bluetooth 5.0
GPS	GPS/AGPS/Beidou/ Galileo/GLONASS/QZSS/GNSS

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