

# iData T2HC

Easy, Fast, Strong, Stable



## Easy to use; Various practical functions

iTalk has one-key intercom functions. The medics can communicate with each other anytime anywhere in mobile nursing by using iTalk;

One step to connect Wi-Fi. Just simply scan the Wi-Fi password barcode and that's it. The medics can complete the Wi-Fi connection while working in different floor.

## Fast scanning; Medical optimization scanning engine

This special optimization is mainly made for the curved and wrinkled barcodes, which are quite common in medical scenarios, such as barcodes on wristband and infusion bags. The medics can scan those barcodes without smoothing them;

If some barcodes are difficult to be scanned directly, the medics can scan them at an angle. The engine tilt deflection tolerance can reach up to 60°;

Up to 2m furthest scanning distance, the medics can scan barcodes easily at high or distant position.

## Strong reception; 5G core

5G Wi-Fi, fast roaming. It could meet the needs of fast AP switching between one room to another.

The network runs smoother while the medics are in mobile nursing.

Octa-core 2.0GHz 5G chips, standard 64 GB(ROM)+ 4GB(RAM), together with industry-leading Android 11.0 OS, the whole machine works much faster and smoother than ever.

## Stable operation; Sturdy and durable

The blue texture design on the back enhances the gripping friction of the housing. The device will not slip off easily whether it is operated with wet hands or with gloves;

The IP67 protection level meets the wear resistance test of medical alcohol and medical hydrogen peroxide, which makes it convenient and worry-free for medics to clean the housing. The machine is durable to work longer service life.



Mobile nursing



Admission management



Execution of doctor's orders



SPD material management



Vaccine traceability



Drug traceability

## 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
Weight	245g( battery included)

## Environmental parameters

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

## 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 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
Wireless WAN (Data modes)	American Version:
	2G: B2/B3/B5
	3G: B1/B2/B4/B5, CDMA BC0/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	Wi-Fi 802.11a/b/g/n/ac/d/e/h/i/j/k/r/v/w, 2.4G+5G dual-band Wi-Fi, fast roaming
Bluetooth	Bluetooth 5.1
GPS	GPS/AGPS/Beidou/ Galileo/GLONASS/QZSS/GNSS

## Communication interface

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

## 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

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



website

## WUXI IDATA TECHNOLOGY COMPANY LTD.

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WLAN Function	Wi-Fi 802.11a/b/g/n/ac/d/e/h/i/j/k/r/v/w, 2.4G+5G dual-band Wi-Fi, fast roaming, Wi-Fi 5G PA amplifier
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