



unimes
— 优尼麦斯 —

UD100HC

Slim fuselage, ultra display Designed for medical applications

- * Blue and white injection molding, customized for medical scenes
- * The shell is made of medical professional antibacterial material, convenient for disinfection and sterilization
- * Ultra slim frame with IP65 protection, bid farewell to the heavy shape of traditional terminal equipment
- * 9000mAh large capacity removable battery, guarantee long battery endurance and convenient maintenance
- * 10 Inch 1920*1200 HD resolution super large screen, brings ultimate visual experience
- * Multiple physical keys for easy switch to different applications
- * Android 8.1 OS with Octa-core 2.0 GHz, Qualcomm Snapdragon 625 processor
- * Various peripheral interfaces for optional upgrade applications



System Configuration

CPU	Octa-Core 2.0 GHz, Qualcomm Dragon 625
OS	Android 8.1
Memory	64GB + 4GB
Extend Slot	Micro SD(TF) card slot up to 128GB
SIM	Micro SIM*2 connector
Display screen	10.1 inch, IPS, HD, visible under sunshine
Touch	5-point capacitive touch screen
Camera	Rear camera 13MP AF with LED flash, Front Camera 5MP FF
Keypad	12 buttons
Charging	PE fast charging, support charger
Battery	Removable 9000mAh
Operation Duration	10 hours (Scan Every Nine Seconds, Connect WIFI, Insert SIM Card, The Screen Is Always On)
Audio	Front dual stereo speakers Volume 90db± 3db (test distance 10cm)
Notification	Sound, Vibration, LED prompt
Sensors	Gsensor, Ambient light sensor, Proximity Sensor, COMPASS
PSAM	Support

Physical Specifications

Dimension	254mm*176mm*17.4mm
Weight	800g

Wireless Connectivity

WWAN	FDD-LTE B1/B3/B5/B7/B8 TDD-LTE B38/B39/B40/B41 TDSCDMA B34/B39 WCDMA B1/B2/B5/B8 GSM B2/B3/B5/B8 CDMA1x/CDMA2000 BC0/BC1
GPS	GPS/ GLONASS/ Beidou
WPAN	BT 4.1/ BLE
WLAN	IEEE 802.11 a/b/g/n 2.4G 5G dual frequency

Input/output interface

USB Port	USB Type-C
Charging IO	USB-TypeC, external expansion interface Pogo (USB, serial, IIC, power supply, etc.) 3.5mm headphone jack, charging base Pogo

Environmental Specifications

Operation Temp.	-20°C ~ 55°C
Storage Temp.	-30°C ~ 70°C
Humidity	5% ~ 95%
Drop	1m, concrete
Protection level	IP65
ESD	±8kV Contact, ±15kV Air

Data Collection

Scan Engine	Honeywell N6603/ CM60
1D/ 2D	Support code system: EAN13, EAN8, UPCA, UPCE, Code 128, Code 39, Codabar, UCC/EAN128, RSS, ITF, ITF14, ITF6, ISSN, ISBN, Standard 25, Matrix 25, Industrial 25, Plessey, MSI Plessey, Code 11, Code 93, PDF417, QR Code, DataMatrix, AZTEC, Hanxin Code, Maxicode, Micro QR, Micro PDF417, Composite

NFC

Supporting Protocol	ISO14443A/B, ISO15693,
Reading distance	0~5cm

RFID UHF (Optional)

Protocol standard	ISO18000-6C protocol
Working frequency	China (920-925MHz) North America (902-928MHz) European frequency (865-867MHz)
Antenna parameters	Ceramic antenna (1.5dBi)
Power	Working voltage 4-5V, RF output 5-30dBm(1W), 1dBm adjustable
Standby power factor	0.25W, maximum 5W (typical 4W)
Identification range	Indoor >12m, Outdoor open environment >6m
Group read rate	>200 tags per seconds

Accessories

Standard	Device, Battery, QSG, Adapter, USB cable Magnetic Wristband, QC Certificate
Optional	Charging Cradle Second-generation ID card recognition module

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Main application areas:

