

iData 80S Extra-large Screen Rugged Mobile Computer

Redefining the large screen PDAs



- **Industry pioneer large 5.7-inch screen, 18:9 full view display leading design**
 - ◆ **Large 5.7-inch screen:** big and brand new display shows more comprehensive, let you have a better view and work experience;
 - ◆ **The leading 18:9 full view display:** same vision as PAD and great handheld experience as a PDA.
- **Multiple field enterprise data collection function**
 - ◆ **Compatible with multiple types of industrial-level scanning engines,** satisfy the bar code scanning demands of different scenes;
 - ◆ **Support multiple professional data automatic recognition and collection modes like NFC, GPS and cameras,** help the users to collect the business data accurately and rapidly.
- **Enterprise-class configuration, stronger performance**
 - ◆ **Octa-core CPU & 2GB RAM,** with the higher performance and lower power consumption;
 - ◆ **Android OS, further optimize the iData 80S,** help you cope with the multiple-task processing in a high speed and bring the more excellent smooth operation;
 - ◆ **4000mAh high-capacity battery + iData systematic-level electricity-saving optimization.**
- **Safer and more reliable**
 - ◆ iData 80S boasts an **ultra-fast fingerprint sensor** so you can swift unlock the mobile computer; supports multiple fingerprint recognition applications, satisfy all mobile application demands of Enterprises

- ♦ iData 80S can meet a protection grade of IP65 bear 1.5-meter-high drop, adapt to more complex and severe working environment.

➤ iData Series Enterprise Applications

- ♦ **iData self-developed Enterprise apps (iSeries Apps)**, among many others, it includes the iLauncher (Kiosk or Lock-down mode) where admin can customize which apps and features are available for the users of the iData 80P.

System Configuration

CPU	Octa-core 2.0 GHz
Operating System	Android 9.0
Memor (ROM+RAM)	16GB+2GB (optional 128GB+6GB/64GB+4GB/32GB+3GB)
Expansion Slot	Micro SD card, up to 256 GB
Display	5.7-inch, 1440 x 720 High resolution (18:9 full view display)
Touch Panel	Industrial-grade capacitive touch panel
Camera (optional)	8 MP autofocus camera in the back side, autofocus lens, LED flash (13 MP optional)
Exit Window	Corning® Gorilla® glass
Keypad	3 front keys, 4 side keys, power key
Battery	3.8 V 4000 mAh rechargeable lithium polymer battery
Audio	Built-in microphone /Type-C USB
Notification	Vibrator alerts/LED/Audio notification
Vibration Motor	Built-in programmable vibration motor
Fingerprint module	Capacitive fingerprint module

Structural Parameters

Dimensions (LxWxD)	164 mm x 79mm x 15.5 mm (max thickness 22mm)
Weight	240g (battery included)

Communication Transmission

Wireless WAN (Network frequency)	Asia & Europe: 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
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	America: 2G: B2/B3/B5 3G: B1/B2/B4/B5 CDMA BC0/BC1 (U.S.A) 4G: B1/B2/B3/B4/B5/B7/B12/B17/B28A/B28B/B41
Wireless WAN (Data service)	GSM/GPRS/EDGE/CDMA/UMTS/HSPA/HSPA+/EVDO/WCDMA/TD-SCDMA/TDD-LTE/FDD-LTE
Wireless LAN	Wi-Fi 802.11a/b/g/n/r/ac (Dual-band Wi-Fi: 2.4G+5G)WiFi 5G PA Amplify
Bluetooth	Bluetooth 5.0 LE
GPS	Supporting GPS/AGPS/Glonass/Beidou Compass/Galileo

Operating Environment

Development Tools	Android SDK+ JDK+Eclipse
Programming Language	Java
Operating Temp.	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temp.	-40°C ~ 60°C (-40°F ~140°F) battery included -40°C ~ 70°C (-40°F ~158°F) battery not included
Relative Humidity	0 ~ 95% (non-condensing)
Drop Specification	1.5-meter drops to concrete ground
Sealing	IP65
Electrostatic Discharge	Conforms to ±15 kV air discharge, ±8 kV direct discharge, Surge prevention design

2D Area Imager

Scan Precision	3mil c39/128
Rotate Angle	360°
Pitch Angle	±45°
Skew Tolerance	±65°
Scan Frequency	1 scans /50ms
Laser Safety Grade	Class II
Image Resolution	844(H)×640(V)
Image Frame	60fps
Light Source System	White light, laser aiming
Minimum Printing Contrast	20%
Code Support	Aztec Code , Codabar , Codablock F , Code 11 , Code 128 , Code 2 of 5 , Code 39 , Code 93 , Data Matrix , EAN/JAN-13 , EAN/JAN 8 , EAN-UCC Composite Codes , EAN-UCC Emulation , IATA Code 2 of 5 ,

Interleaved 2 of 5 , Matrix 2 of 5 , MaxiCode , MicroPDF417 , MSI , PDF417 , Postal Codes (Australian Post , British Post , Canadian Post , China Post , Japanese Post , Korea Post , Netherlands Post , Planet Code , Postnet) , Plessey Code , PosiCode , QR Code , RSS Expanded , RSS Limited, RSS-14 , TCIF Linked Code 39 , Telepen , Trioptic Code , UPC-A , UPC-E, etc.

NFC

Frequency	13.56 MHz
Reading Distance	Within 50 mm
Protocol	ISO14443A/14443B/15693

Input / Output Ports

USB Port	1 (Type-C USB port)
Charger Port	1

Accessories

Standard	Power adapter, Screen protector, Hand strap, USB Cable
Optional	Bottom charging cable, Charging cradle, 4-slot device cradle, Carry Case, Waist bag



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