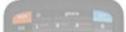# HY2800W1DH

HF RFID&Barcode Rugged Handheld Computer

Industrial IP54

Third Generation Hyintech Rugged Handheld
Mini Size, Low Power Consumption

Product Introduction

- High capability barcode scanner.
- Standard Working for 10 Hours with full battery
- WiFi,Bluetooth, and GPRS for Real-time connection
- Pixel 130 Mega Camera （Optional）
- Camera and GPS(Optional)
- HF RFID Reader&Wirter (Optional)
- Low Power Consumption, 8 hours working.
- Support Wavelink Avalanche For remote mobile devices management
- Support OAC Client for 802.1 Security
- Support T9 multilingual intelligent input method
- Industrial grade hardware design , durable and able to sustain in harsh environment
- Support signature capture function
- Special design be applied in industry market and hazardous environments. e.g. logistic management, asset tracking, anti-fake etc

Specification:

HF RFID Reader&Writer

Frequency: 13.56MHZ

Protocol : ISO14443A/B, ISO15693

Reading Distance < 5 cm

Barcode Scanner

Optical Definition 0.004 inch(smallest width)

Frequency 100 time per second（bi- direction）

scanning distance 10～78cn

Sunlight 8,000 ft. candles (86,112Lux)

artificial light 450 ft. candles (4,844Lux)

anti-shake 2,000 +/- 5% G

supported barcode style

Physical Characteristics
Size 150x70x25mm
Wight 200g (with standard battery)
Operation Environment
Operating Temperature -15 $^{\circ}$C to +50°C
Storage Temperature   -20°C to +80 $^{\circ}$C
Sealing Standard IP54
Drop Proof Sustain 1.2m multiple drops on concrete floor
Battery   Ni-ion battery   3.7v 2700mah

Operating System Windows CE 5.0

CPU SAMSUNG 533 MHz CPU

Storage Flash 256 MB RAM 128MB，Support up to 16GB Micro SD Card

Display 3.2" QVGA (240x320 pixel) 64K color， TFT-LCD，LED backlit

Keyboard backlit keyboard soft touch, support handwriting input

Sound Track support Dual Speaker

Standard Communication

USB1.1 Host and Client	BlueTooth Class2 V1.1 (Optional)
RS232 Port	Integrated GSM/GPRS Communication Module (900/1800/1900MHz) (Optional)

Wireless Network IEEE802.11b/g Standard (11Mb/S-54Mb/S) (Optional)

HF RFID Reader&Writer

13.56MHZ , ISO14443A/B ,ISO 15693 .Reading Distance<5cm

Bar Code Scanning System

Integrated Bar Code Laser Scanner (Selective) Support EAN, UPC, JAN, Code11, Code 39, I 2 of 5 and more

WLAN Security

WPA, 802.11i(WPA2), WEP, TKIP, TLS, TTLS, AES, PEAP, LEAP, MD5

Battery Charger Standard battery charger 5V 3A Vehicle charger port also available

Accessory USB Data Cable, Vehicle Charger, Serial/USB/battery charge Cradle 1-Slot,pouch, carrying case, screen protector

Hyintech Team
Supply You Best Products,
Free Detailed Manual and SDK
Most Professional Technical Support
Be Your Best Friend and Loyal Long Term Partner.

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