



QY-D30

RFID Handheld Terminal



1.Product Features

- Professional Anti-Condensation Screen, Automatic Heating of LCD And Scanning Head Window, Low Temperature Resistant Battery, Can Also Be Used At -30° C
- Quickly Identify 1D/2D/Distorted/Smeared/Screen Codes, Fast Decoding Within the Scanning Range of 15 m
- Qualcomm 8 Core 1.8GHz High Performance CPU, Android10.0 Operating System, Smoother Operation
- Multi-Button Keyboard + Super Large Touch Screen,Sensitive Operation Even Wearing Gloves
- IP68 Dustproof and Waterproof Protection, 1.8m Reduced Resistance.Support Hot Swap, You Can Replace The Battery Without Shutting Down, And Work More Efficiently

2.Specifications

Performance Parameter	
Model	QY-D30
O.S.	Android 10.0
CPU	Octa Core, 1.8GHz
Memory	RAM: 3GB, ROM: 32GB (Optional) RAM: 4GB, ROM: 64GB (Optional)
Extended Memory	Micro-SD card, Up to 128GB

Basic Specifications	
Dimensions	199 x 58 x29 mm
Weight	425g (Battery Included)
Display	4 Inch Display (480*800pixel)
Touch Screen	Ultra Sensitive Capacitive Touch Panel, Support Multi Touch, Works With Gloves and Wet Fingers, Corning Glass Cover
Main Battery	3.85V 5200mAh Removable Lithium Battery
Charging Time	Less than 3 Hours,10 Min System Time With Battery Removed
Audio	Earpiece, Speaker, Microphone Support PTT (Push-to-Talk), Speaker Loudness Over 100dB at 10cm
Buttons	38 Keys Isolation Keyboard,Support Wake up (PWR key,Front Scan key,Side Scan key,PTT key)
Scanning	Professional Scan Engine Support International Standard 1D/2D Barcode; Support Barcode Displayed on Screen and Colored Barcode;
Sensors	Light + Accelerator+ Proximity, Geomagnetic, Gyro(Optional)
Camera	13M Pixel With Flashlight
Slots	Nano-SIM*1, PSAM/ SIM*1 (Self-Adaption)
Handle	Optional Handle Version Configuration, With Scan Trigger key



Network Connections	
WWAN	4G/ 3G/ 2G Dual-SIM, Dual-Standby
Bluetooth	BT5.0 + BR/EDR +BLE
Wi-Fi	2.4G/5G, IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w Roaming: 802.11r /OKC/ PMKID Caching, 802.11ax Ready
Positioning	GPS、 A-GPS、 BeiDou、 GLONASS 、 Galileo
Environment	
Operating Temp.	-30°C to 50°C
Storage Temp.	-40°C to 70°C
Humidity	5%RH ~95%RH (No Condensation)
Drop Specification	1.8m (5.9 ft.) Flat Concrete
Sealing	IP68
ESD	+/-15kv Air; +/-8kv Contact
Tumble Specification	Withstands 1000 3.2ft/1m Tumbles

3.Data Capture Specifications

Rear Camera	
Functions	Video Resolution and Frame Rate 1920×1080 (1080p), 30fps
Pixels	13MP
Focus Method	Auto Focus
Scan Engine	
Scan Angels Tilt	360°
Scan Angels Pitch	±60°
Scan Angels Skew	±60°
Barcodes Support	UPC/EAN ,Bookland EAN ,UCC Coupon Code,ISSN EAN,Code 128 ,GS1-128 ,ISBT 128 ,Code 39 ,Trioptic Code 39,Code 32,Code 93,Code 11,Interleaved 2 of 5,Discrete 2 of 5,Codabar ,MSI ,Chinese 2 of 5 ,Korean 3 of 5 ,Matrix 2 of 5 ,Inverse 1D ,GS1 DataBar ,Composite Codes ,PDF417,MicroPDF417,Data Matrix,Data Matrix Inverse,Maxicode,QR Code,MicroQR,QR Inverse,Aztec,Aztec Inverse,Han Xin,Han Xin Inverse, Postal Codes,US Postnet,US Planet,UK Postal,Japan Postal,Australian Postal,Netherlands KIX Code,USPS 4CB/One Code/Intelligent Mail,UPU FICS Postal



RFID (HF)	
RFID	Read/Write (HF)
Protocol	ISO15693、ISO14443 A/B 、Mifare、Felica
Frequency	13.56MHz
Mode	Card Emulation、Peer-to-Peer、Reader
Reading Range	Read Distance 0-6cm (ISO15693), 0-4cm(ISO14443A/B)

4.Network Connections

GPS Positioning	
Support Mode	GPS, A-GPS, BeiDou, GLONASS, Galileo
Frequency	GPS(L1 1.575GHz C/A Code), BeiDou(B1 1.56GHz), GLONASS(L11.602GHz), Galileo(E1 1.589 GHz/E2 1.561 GHz)
Cold Start Time	Less Than 40s
Max Channel	31 Channel
Sensitivity	-130dB(SNR Value 40dBHz)
Precision	5-10 m (Open Space)
Wireless LAN	
Protocol	IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w Protocol (2.4G/5G Dual Band WIFI)
Frequency	2.4G、5G
Working Channels	CH1~CH13,CH34~CH140,CH149~CH165(Depends on Area)
Security and Encryption	EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, PEAP-TLS, PEAP-GTC, PWD, SIM, AKA WEP, WPA/WPA2-PSK, WAPI , WAPI-PSK
Fast roaming	Support 802.11r Fast/Seamless Roaming



Wireless WAN	
WAN Mode	4G/3G/2G All-Netcom
Worldwide Radio Frequency Band	TD-LTE(B34/B38/B39/B40/B41) FDD-LTE(B1/B2/B3/B4/B5/ B7/B8/B12/B13/ B17/B20/B28A/B28B) WCDMA(B1/B2/B4/B5/B8) TD-SCDMA(B34/B39) CDMA2000 1x EV-DO Rev A BC0 (800MHz) CDMA1x GSM/EDGE/GPRS(850/900/1800/1900)
Bluetooth	
Support Mode	BT5.0+BR/EDR+BLE
Connection Distance	More than 10 m

5.Optional Accessories

Accessories Type	
Standard Accessories	Adapter*1, Type-C cable*1, Battery*1, Hand Strap*1, Instructions & Security Information & Warranty Card*1
Optional Accessory	Gun Grip, Single Slot Charging Cradle, 5-Slot Charging Cradle, 4-Slot Battery Charging Cradle, Holster, Boot Case

