HY416

Features

Surging performance, extreme invigoration, unprecedented in wisdom

- Super octa-core 2.0GHz CPU, improved by 30% compared with existing manufacturers,
- Upgraded Android 9.0, more stable, smoother and more complete application experience
- Powerful scanning performance: accurately and quickly read all kinds of 1D&2D barcodes. flexibly applied to different types of barcodes, application scenarios.
- large 5000mAh battery, TYPE-C super-fast charging solution.
- Lightweight and three-proof design
- 4-inch HD+ full screen, 90% of the window ratio
- free fall up to 2.0 meters, IP level is up to IP67 for kinds of rugged environment

Parameters

Configuration	Function	Major parameter	Function	Major parameter
Basic functions	CPU	MT6762V/CA Octa-Core / Main frequency 2.0GHz	Operating system	Android 9.0 (Java SDK)
	Memory	RAM:4GB; ROM:64GB Expansion: Support up to 64 GB SDHC card	Display	Size: 4inch, WVGA; Resolution: 800*480; IPS Multiple-touch capacitive screen
	Display	Size: 4inch, WVGA; Resolution: 800*480; IPS Multiple-touch capacitive screen	Keypad	22 keyboard buttons on the front, 4 buttons on the side (1 switch button), 3 TP silk screen buttons
	Notification	Vibrator and Indicator LED, Speaker	Audio	Speaker, microphone
	Electronic compass	Support	Light sensor	Support
	Gravity sensor	Support	Proximity Sensor	Support
Communication	Wi-Fi	IEEE 802.11 b/g/n/ac 2.4G/5G	Bluetooth	Bluetooth V5.0
	4G/3G/2G	GSM(B3/B5/B8) / TD-SCDMA：B34/B39	WCDMA：B1/B8	TDD-LTE Bands：B38/B39/B40/B41 / LTE-FDD Bands：B1/B3
Special functions	Barcode Engine	F001 Laser scanning, 2D CMOS camera 1280*800 pixels/844*640 pixels Tilt:360°，Pitch:±45°，Skew:±60°	NFC	Frequency 13.56MHz ; ISO14443A/B reading distance：1cm~3cm
		2D: PDF417.QR Code(Model 1/2)；DataMatrix(ECC200.ECC000,050;080.100.140),Aztec, MAXiccde, LPCode, Hanxin etc. 1D: de128.EAN-13,EAN-8,Code39,UPC-A,UPC-E,Codaba,China post 25,interteaved 2 of 5,ISBN/ISSN.Code93 etc.	Camera	5.0mP rear, autofocus with astigmatism, (support night light / flashlight)
			Positioning module	GPS , AGPS, GlonasS, Beidou; positioning accuracy less than 10 meters, cold start time less than 40s
Physical interfaces	SIM card	SIM card×2	TF card	Micro SD×1
	USB OTG	USB TYPE C×1waterproof interface	Support OTG	Support device charging function
Physical Characteristics	Dimensions	159mm(L)* 70.8mm(W)*17.9mm(H)	Weight	260g (include battery)
	Power Consumption	Standby time is greater than 14 days and continuous working time is greater than 8 hours		
	Temp.	Operating Temp.: -20℃ ~ +55℃ Storage Temp.: -40℃ ~ +60℃	Humidity	5%-95% (non condensing)
	Dust & Water Proof	IP67	Drop Spec.	1.5m Drop to concrete. 2.0m to marble
Accessories	Battery	Replaceable and rechargeable battery, 3.85V/5000mAh	Power Adapter	Fast charger DC 9V/2A (with UBS cable)
			optional	Docking charger, protection film.

MULTIPLE APPLICATION SCENARIOS

Inventory of assets: such as warehouses, banks, office buildings, government agencies, etc., search for items, increase or decrease, information check: retail stores, warehouses, etc., identity verification of vehicles and personnel, status management, expense payment, etc

Warehouse

Retail stores

bank

Office building

vehicle