



# HS04

## INTERNET OF THINGS HANDHELD TERMINAL

4.5-inch HD screen · High speed Quad - core

Android 8.1 system · 4G full Netcom



Android



4G



WiFi



Bluetooth



1D scanning



2D scanning



PSAM



NFC



Camera



GPS



# Product parameters

## Performance

Quad core	
CPU	Cortex-A53 Quad-core 64-bit 2.0GHz high-performance processor
RAM+ROM	2GB+16GB Supports up to 3GB+32GB
Expand memory	Micro SD(TF) Supports up to 128GB
System	Android 8.1

Octa core	
CPU	Cortex-A53 Octa-core 64-bit 2.0GHz high-performance processor
RAM+ROM	2GB+16GB Supports up to 3GB+32GB / 4GB+64GB
Expand memory	Micro SD(TF) Supports up to 128GB
System	Android 9.0

## Data communication

WLAN	Dual-band 2.4GHz / 5GHz, Supporting IEEE 802 a/b/g/n/ac protocol
	2G: GSM (850/900/1800/1900MHz)
WWAN	3G: WCDMA (850/900/1900/2100MHz)
	4G: FDD:B1/B3/B4/B7/B8/B12/B20
	TDD:B38/B39/B40/B41
Bluetooth	Support Bluetooth 2.1+EDR/3.0+HS/4.1+HS Transmission distance 5-10 meters
GPS	Support GPS, Galileo, Glonass, Beidou

## Physical parameter

Dimensions	166mm×77.5mm×22mm
Weight	< 500g
Display	4.5 inch IPS color display with resolution 480*854
TP	Corning Gorilla glass, supports multi-touch Supported gloves and we thands
	rechargeable polymer battery (3.8V 4200mah) removable
Battery capacity	Standby time >350 hours
	Working time > 12 hours
	Charging time <4H, using standard power adapter and data cable
Expansion Card slot	PSAM x 2, Micro SIM card x 1 , TF card x 1
Communication interface	Type-C USB x 1, OTG, POGO Pin x 1
Audio	Speaker (mono), Microphone, Earpiece
Keypad	Support touch screen soft keypad and physical keypad
Sensor	Gravity Sensor, Vibration motor

## Language/input method

Input	English, Pinyin, Five strokes, Handwriting input, Support soft keypad
Language	Language packs in Simplified Chinese, Traditional Chinese, English, Korean, Japanese, Malaysian, etc.

## Data collection

Barcode scanning (Optional)	
1D Linear scanner	Mindeo SE966 Honeywell N4313
1D Symbologies	Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Code11, Interleaved 2 of 5, China post 25, ISBN/ISSN, Code93, UCC/EAN-128, GS1 Databar, HIBC, etc.
2D Imager scanner	Newland EM3090 Honeywell N3603 Honeywell N6603
2D Symbologies	PDF417, Micro PDF417, GS1 Composite, Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Hanxin Code, etc.

Camera	
Rear camera	8MP HD camera, Support auto focus, Flash, Anti-shake, Macro shooting

NFC (Optional)	
Frequency	13.56MHz
Protocol	Support ISO14443A/B, 15693 agreement
Distance	2cm-5cm

## User environment

Operating temperature	-20℃ - 55℃
Storage temperature	-40℃ - 70℃
Environment humidity	5%RH--95%RH(no condensation)
Drop specification	6 sides Supports 1.5 meters drops and 30 times to the concrete within the operating temperature
Rolling test	500×0.5m rolling for 6 sides
Protection level	IP66

## Accessories

Standard	Adapter, Data cable, Protective film, Instruction manual
----------	--



Shenzhen Effen Ltd

Tel: 86 0755 23229300 Fax: 86 0755 23229300

Email: info@effon.com Website: www.effon.com

Address: 1st Flr Bld 2, Jiu Jiu Youpin Cultural Creative Park, Longhua Shenzhen 518109 China