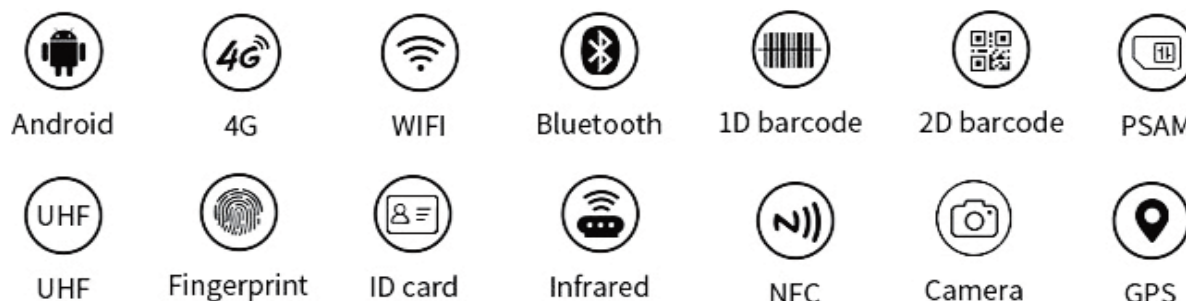


HS03

MULTI-FUNCTION DATA TERMINAL



Product parameters

Performance

CPU	Cortex-A53 Octa-core 64-bit 2.0GHz high-performance processor
RAM+ROM	4GB+64GB
Expand memory	Micro SD(TF) Supports up to 128GB
System	Android 13.0

Language/input method

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

Data communication

WLAN	Dual-band 2.4GHz/5GHz Supporting IEEE 802.11ac/a/b/g/n/d/e/h/i/j/k/r/v protocol
WWAN	2G: GSM(850/900/1800/1900MHz) 3G: WCDMA(850/900/1900/2100MHz) 4G: FDD(B1/B3/B4/B7/B8/B12/B20) TDD(B38/B39/B40/B41)
Bluetooth	Support Bluetooth 5.0+BLE Transmission distance 5-10 meters
GNSS	Support GPS, Galileo, Glonass, Beidou

Product parameters

Physical parameter

Weight	<500g (Depends on device function configuration)
Dimensions	178mm x78mm x24mm
Display	5.0 inch display with resolution 720 x1280
TP	Supports multi-touch, etc.
Battery capacity	Rechargeable polymer battery 3.7 V 4800mAh, removable
	Standby time > 350 hours
	Working time > 12 hours, Depending on usage and network environment
	Charging time 2-3 hours, Using standard power adapter and data cable
Camera	Rear camera: 8MP (13MP Optional) Support auto focus, Flash, etc.
Expansion Card slot	Micro SIM x1, TF x1, (PSAM x2 Optional)
Communication interface	Type-C USB x1, Support OTG function
Audio	Speaker (mono), Microphone, Receiver
Keypad	13 soft silicone buttons
Sensor	Gravity sensor, Vibration motor

User environment

Operating temperature	-20°C - 55°C
Storage temperature	-40°C - 70°C
Environment humidity	5%RH - 95%RH(no condensation)
Drop specification	6 sides Supports 1.5 meters drops on the marble within the operating temperature
Rolling test	0.5m rolling for 6 sides, can still work steadily
Sealing	IP66

Accessories

Standard	Adapter x1, Data cable x1, Protective film x1, Instruction manual x1
Optional	Charging base, etc.

Barcode scanning (Optional)

1D Scanning engine	Mindeo 966, Honeywell N4313
1D Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS,etc.
2D Scanning engine	6602-W2, Honeywell N5703 N6703
2D Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, HanXi,etc.

NFC (Optional)

Frequency	13.56MHz
Protocol	Support ISO14443A/B, 15693 protocol
Distance	2cm-5cm

UHF (Optional)

Frequency	840-960MHz
Protocol	EPCglobal UHF Class1 Gen2 / ISO 18000-6C
Distance	>1.5m

LF (optional)

Frequency	125K/134.2K; ISO11784/ISO11785/ FDX-Bfrequency
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Fingerprint (Optional)

Frequency	Configure TCS semiconductor sensor with live identification technology
Collection area	11.3×12.4mm
Resolution	508 dpi, 8-bit grayscale
Extraction format	ISO 19794, WSQ, ANSI 378, JPEG2000
Secure encryption	AES, DES key encryption for host communication channel

Infrared (Optional)

Wavelength	940nm
Frequency	38kHz
Distance	>4m
Protocol	DLT_645-2007, DLT_645-1997



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