

2D



K50

Industrial Handheld Terminal



Ultra-Sensitive Touch Screen

The 4.2 inch HD capacitive touch screen with a resolution of 1280*720 achieves excellent display effects, delivering a delicate and clear visual experience.

Ultra-long-endurance and Removable Battery

3.8V 5200mAh dual-core high capacity anti-explosion removable lithium battery, support over 12 hours high-intensity working time and long to 350 hours standby time.

High-speed Operation Performance

Optimize Android 13.0 operating system,matching Octa-core 2.0GHz high speed processor, support 802.11 a/b/g/n/ac/d/h/i/r/k/v full-band WiFi communications and the latest 4G mobile communication technology. Provide high-speed operating efficiency for strict and complicated application requirement.

TECHNICAL SPECIFICATIONS

K50

Performance Parameter



Operating system	Android 13.0
Processor	MTK Octa-core 2.0GHz
Memory	6G RAM+64G ROM

Physical Parameter

Display screen	4.2 inch 1280×720 Capacitive Touch HD LCD
Camera	20 mega pixels(Rear), 5 mega pixels(Front)
Input method	English input, support install input application program
Working time	12 hours, above 350 hours standby
Battery	Demountable 3.8V 5200mAh polymer lithium battery
Dimension	L162mmxW64.8mmxT25.9mm
Weight	305g (including standard battery)
Key	22 regular touch keys,2 side keys for scanning, 1 power key
Power adapter	Input:AC 100 ~ 220V 50/60Hz;Output:DC 5.0V--2.0A
Audio	Loudspeaker headphones
Interface	Type-C, TF card slot, SIM card slot

Environmental Parameter/IP Rate

Temperature	Workng:-20° ~ 55°C	Storage:-35 ~65°C
Electrostatic	±15KV air discharge,±8kV direct discharge	
Relative humidity	5%-95%RH	
Protection grade	IP65 grade	

Anti-dropping height Bear 1.5 meter dropping to smooth concrete ground

Communication Data Parameter

WIFI	IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v
Bluetooth	Bluetooth 5.0 BLE
GPS	GPS+Glonass+Beidou+Galileo
WWAN	GSM / WCDMA / TDD-LTE / FDD-LTE
NFC	13.56MHz, support ISO14443A&B and ISO15693

Identification Parameter

Barcode	2D scan engine
	Reading distance: 3cm-70cm
	Scanning precision: ≥ 3 mil
	UPC/EAN, Code128, Code39, Code93, Code11,Interleaved 2 of 5 , Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS,etc. PDF417, Micro PDF417, Composite, RSS, TLC-39, Data matrix, QR code, Micro QR code, Aztec, etc. Postal Codes:US Post Net, US Planet, UK Postal, Japan Postal, Dutch Postal [KIX],etc.



RoHS

Standard Kits			Optional Accessories
			
Power Adapter	Battery	USB Cable	Charger Cradle