Ranger 3

Slim. Large. Powerful.

6.5" Display

Smooth Touch, Instant Response

Decode in 0.06s

Stay Ahead

Wi-Fi 6E+MIMO

Seamless Switch
Indoors and Outdoors

Measure Boxes in A Snap

Time-saving and Easy

Dual-Band L1+L5 GPS + Barometer

Precise 3D Positioning
Even in Dense Urban Canyons

Performance Beast

41%* Faster

*Comparison with Ranger 2(N) Antutu Score

340,000

Instant Multi-tag Reading

UHF Batch Scan

End-to-End Management

- With a Unified IoT Cloud and Browser

Angel Watch · airwatch by vmware · SOTI · android enterprise recommended · Google Mobile Service · SOTI MOBICONTROL · TeamViewer · ivanti · SAFEUEM

Smart Setup Tools

- Configure Devices in Minutes with Intelligent Software

Barcode Utility
Multi-format scanning demo toolbox

Movstage
Bulk device deployment and provisioning

Movprofile
One-click configuration profile switching

Kiosk
Hardware-enforced device lockdown and access control

Keyboard Mapping
Customizable key functions and shortcuts

TMS
Proprietary MDM (Mobile Device Management) system

» Specifications

Processor
Octa Core
2*2.2G+6*2.0

Operating System
Android13/15

Memory
4GB+64GB(Default)
8GB+128GB(Optional)

Display
6.58'' FHD, 2408*1080

Scanning
Professional in-house developed scan engin, support international 1D/2D barcode

Scan Angle Tilt
0°

Physical Properties
171.7*78.5*13.5mm
262g (Battery Included)

Camera
Front: 5M
Rear: 16M

Battery
Typ: 5200mAh
Rat: 5100mAh
Battery one-piece design
Support hot swap

Charging
Fast charing: 11V/3A, 33w
Fast charge protocol: PD3.0

Buttons
1*Power button,
2*Volume button
1*Function button,
2*Scan button

Sensors
G-sensor/Proximity/Light/
E-Compass/Gyroscope/
Barometer

Slots
2*Nano SIM or 1*Nano SIM

Audio
1*Speaker
2*Mic

Interfaces
1*USB Type-C
Bottom: 2*Pogo pin
Back: 8*Pogo pin

Network Connections
WWAN: GSM B2/3/5/8; UMTS B1/5/8;
LTE B1/3/5/7/8/20/28(a&b)/34/38/39/40/41(120M)
Wi-Fi 6E, MIMO 2*2
Bluetooth 5.2

NFC
Frequency: 13.56MHz
Read arnge: 2-4cm
Communication protocol:ISO/IEC 14443 A/B, FeliCa™, Mifare®, ISO/IEC 15693

Positioning
Beidou/GP/AGPS/GLONASS/ Galileo/QZSS/ NAVIC/IRNSS/SBAS

Durability
Sealing: IP67
Drop: 1.5m concrete
Roller test：1000times, 0.5m

Environment
Operating temp: -20°C ~ +55°C
Storage temp: -40°C ~ +75°C
Humidity: 5%~95% (Non-condensing)

RFID function (optional)
Read distance: 1.0m
Read speed: 40 tags per second
Frequency: EU 865-868MHz/US 902-928 MHz/ China 920-925 MHz