

MOV AST

Ranger 3

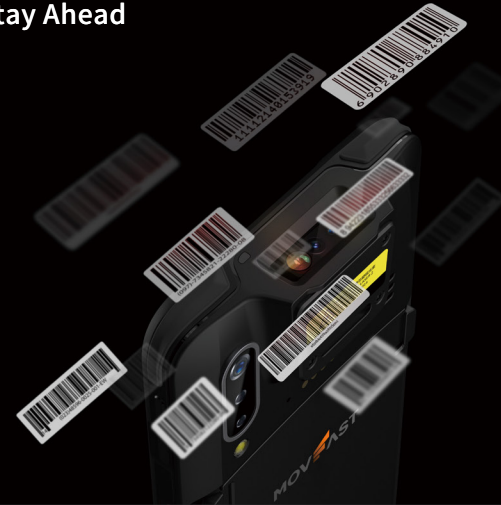
Slim. Large. Powerful.



6.58" Display
Smooth Touch, Instant Response



Decode in 0.06s
Stay Ahead



Wi-Fi 6E+MIMO
Seamless Switch
Indoors and Outdoors

UHF Batch Scan
**Instant
Multi-tag Reading**

**Dual-Band
L1+L5 GPS + Barometer**

Precise 3D Positioning
Even in Dense Urban Canyons

Performance Beast
62%* Faster

*Comparison with Ranger 2(N) Antutu Score


390,000

**Measure Boxes
in A Snap**
Time-saving and Easy

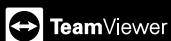


End-to-End Management

■ With a Unified IoT Cloud and Browser



SOTI



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



Model Name

Ranger 3



Processor

Octa-Core, MT8781
2*2.2GHz+6*2.0GHz



Operating System

Android 13 / 15



Memory

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



Display

6.58" FHD 1080*2408



Scanning

E5
Support 1D/2D Barcode



Scan Angle Tilt

0°



Physical Properties

171.7*78.5*13.5mm
262g (include Battery)



Camera

Front: 5M
Rear: 16M, PDAF



Battery

Typ: 5200mAh,
Rat: 5100mAh
Support Hot Swap



Charging

Fast Charging 33w, 11v*3A
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



Audio

1*Speaker
2*Mic



Interfaces

1*USB Type C
2*POGO Pin(Bottom),
8*POGO Pin(Back)



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



Positioning

Beidou/GP/AGPS(Assisted
GPS)/ GLONASS/ Galileo/
QZSS/NAVIC/IRNSS/SBAS



Parcel Dimensioning (optional)

Parcels Size: Under 60cm/Side
Accuracy: 98%
Capture Range: Up to 1.5m



NFC

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



Environment

Sealing: IP67
Drop: 1.5m Concrete
Operating Temp: -20°C ~
+55°C



RFID Function (optional)

Read Distance: 1m
Read Speed: 40 Tags per Second
Frequency: EU 865-868
MHz/US 902-928 MHz/China 920-925 MHz

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