



# RANGER2

## Rugged Mobile Computer

Upgrade E-Commerce Logistics with Full-Screen Innovation

## Superior Scanning Technology to Boost Productivity



**60ms**  
Capture Speed

**20**  
Barcodes at Once



**12h+**  
Battery Life

**Smooth and Fast**

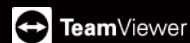
**Built for  
Durability**

**1.5m**

**IP67**

## Effortless Device Management

▪ Support Various IoT Cloud Platforms and Browsers



▪ One SDK for Efficient Device Configuration



**Barcode Utility**  
Easily Configure Scanner and  
Barcode Decoding Performance



**Kiosk**  
Restrict User Access and  
Usage Permissions



**DataWedge**  
Efficiently Transfer and  
Install Files on the Device



**Movstage**  
A QR Code Configuration  
App for Device

# » PARAMETERS



## Processor

Octa-core  
4\*A53@2.0GHz+  
4\*A53@1.5GHz



## OS

Android 13.0  
upgradable to  
Android 15.0



## Memory

4 GB RAM/64 GB Flash;  
(Default)  
3 GB RAM/32 GB Flash;  
6 GB RAM/128 GB Flash



## SIM

Dual SIM Cards



## Expansion Slot

Micro SD Card  
(up to 256GB)



## Display

5.45 Inches  
HD 1440\*720



## Camera

Rear: 13MP, PDAF, 1A Flash  
Front: 2MP



## Battery

Li-Ion, 3.85 V  
5000 mAh Polymer



## Audio

Microphone  
Speaker



## Charging

Type-C and POGO  
Charging, Supporting  
18W Fast Charging



## Prompt Facility

Speaker  
Vibration Prompt  
LED Prompt



## Sensors

G-sensor;Proximity  
Sensor;Light Sensor;  
E-Compass;Gyroscope;  
Hall Sensor



## Scanner

XC E4



## Barcode

one-dimensional  
two-dimensional barcode



## FOV

Horizontal: 42.0°  
Vertical: 31°



## Motion Tolerance

6m/s



## Network

2G/3G/4G



## WLAN

IEEE 802.11  
a/b/g/n/ac



## Bluetooth

Bluetooth Class 5.0



## GPS

GPS/AGPS/  
Beidou/Galileo/  
GLONASS/QZSS



## USB

Type-C \*1



## OTG

Yes



## NFC

Frequency: 13.56MHz  
Distance: Within 2-4mm  
TCP: ISO14443A  
/14443B/15693



## Size

153\*75\*15mm



## Vibration Motor

Yes



## Environment

Operating Temperature: -20°C ~ 60°C  
Storage Temperature: -40°C~70°C (Battery not included)  
Humidity: 5%~95% Non-condensing



## Weight

240g  
(Battery Included)



## Protect Grade

Drop Standard: Multiple Falls on the 1.5m Marble Floor Roll Drop  
Standard: 1000 Times of 0.5-meter Roller Drop  
International Protection: IP67  
Electrostatic Discharge: Contact: ±8KV, Air: ±15KV

## » OPTIONAL ACCESSORIES



Pistol

Single-slot  
Charger



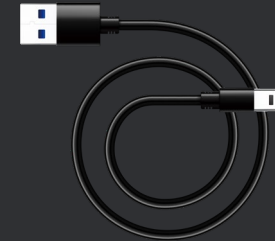
Adapter



4-Slot Battery Charger



USB-C Cable for  
Charging



Hand Strap





## » 1D Barcodes

EAN-13 12.5mil



EAN-8 12.5mil



UPC-A 12.5mil



UPC-E 12.5mil



Code39 14.8mil



Code93 12.5mil



Code128 12.5mil



## » Abnormal Barcodes

Code39 4.17mil



QR Code 10.83mil



EAN-13 50%PCS



## » 2D Barcodes

QR Code 20mil



1234-ABC-abc

MicroQR 20mil



1234-ABC-abc

Data Matrix 20mil



Datamatrixdemo

Aztec 20mil



Azteccodedemo

Han Xin 20mil



Hanxin-byXCtech

PDF417 10.83mil



417demo

Micro PDF417 10.83mil



417demo

Code128



Code128



QR Code





Warehouse Sorting



Darkshop Sorting



Logistics



Supermarket Inventory

» CUSTOMIZED  
SOLUTIONS  
FOR YOUR INDUSTRY