

Nex-T

# Nex-T R20

Wearable Barcode Scanner



Windows



iOS



Android



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## Specification

Operation Parameter	
Image Sensor	CMOS
Image(Pixels)	1280 pixels(H)*800 pixels(v)
Light Source	Aiming: 625 nm LED; illumination:4000K LED
Frame Rate	60fps
Depth of Field	30-350mm @ UPC/EAN 13mil PCS=90%; 40-400mm @ QR 20mil PCS=100%
Scan Angle	Elevation angle 65° Tilt angle 30° / Declination 55°
Field of view	34° horizontal, 28° vertical
Scan Mode	Trigger mode, touch scan mode,auto trigger mode
Firmware update	Decoder and wireless update online
Minimum Resolution	≥ 4mil (code39)
Print Contrast	≥ 20%
Visual Indicator	Blue LED Light,Red charge light, Buzzer and vibration
Interfaces	USB-TypeC, RS-232, 2.4G, blue BLE4.0(Optional) , Virtual serial Port
Transmission Mode	USB-typeB, 2.4G, Bluetooth BLE4.0(Optional)
Transmission Range	2.4G: 50meters, Bluetooth:40meters ( on open air))
Memory	Up to 512000bits (38000 EAN 13 codes)
Paired Mode	one to one, or one to more (Optional)
Beeper Operation	Programmable tone & Volume
Decoding Capability	2D: QR Code, Data Matrix, PDF417,Aztec, Hanxin code, Maxicode,etc. 1D: UPC/EAN/JAN,UPC-A & UPC-E,EAN-8 & EAN-13, JAN-8 &JAN-13, ISBN/ISSN, Code 39 (with full ASCII), Codabar (NW7), Code 128 & EAN128,Code 93,Interleaved 2 of 5 (ITF),Addendum 2 of 5 IATA Code,MSI/Plessy, China Postal Code,Code 32 (Italian Pharmacode),RSS14,RSS Limited, RSS Expanded.

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## Specification

### Physical Parameter

Dimension L x W x H 64.5mm(L)\*34.5mm(W)\*20.5mm(H)  
(scanner)64.5mm(L)\*40.5mm(W)\*46.5mm(H) (scanner+finger set)

Weight 69g

Cable USB-Type-C charge cable

Case Material ABS+PC+Metal

### Power Parameter

Input Voltage 5VDC±10%

Battery Capacity 600mAh

Charge Mode Cable charge directly, charging time 2-3h, can work 10h continuously

Laser Class CE EN55022 B, FCC Part 15 Class B, VCCI, BSMI

### Environmental Parameters

Operating Temperature "-10°C~+50°C

Working Humidity 5% to 95% relative humidity, non-condensing

Storage Temperature "-20°C~+60°C

Light Levels 0~100,000Lux(Daylight)

Drop Durability Designed to withstand 1.6 Meters drop

Certificate CE,FCC,ROHS,LVD, EMC, COC, BIS etc.

Waterproof IP54

Support NFC pairing method

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## Multiple scanning methods Integrated touch and physical keys

In finger mode, screw fixation can be selected according to the preferred hand  
When replacement is required, unscrew the screws to replace the accessories

Touch scan



Physical button scan



## Battery can be removed/ installed by one hand Easy and convenient

The battery is detachable and has a variety of charging methods.  
It can not only be charged by wire, but also be charged by seat



Battery EASY  
remove



Battery can charge alone



Charging by USB-TypeC Cable



The indicator light is red when  
charging Breathing blink state

Type-C data cable direct  
charging



Complete machine seat charge  
and single battery seat charge

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Left and right hand switch,  
180 rotation



MULTIPLE TRANSMISSION  
MODES

You can select Bluetooth through settings  
Or wireless/wired connection device to transmit data



Windows7/8/10/XP



Android



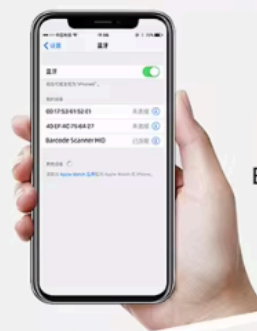
iOS/MacOS



Linux



Mac OS



Bluetooth Connection



2.4G Wireless Connection



USB-Type C cable

Gloves



Lanyard



# 3 Ways To Use

Left/Right finger Freely Wearable



Left



Right



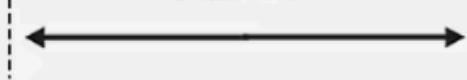
360°

## SPECIFICATION SIZE

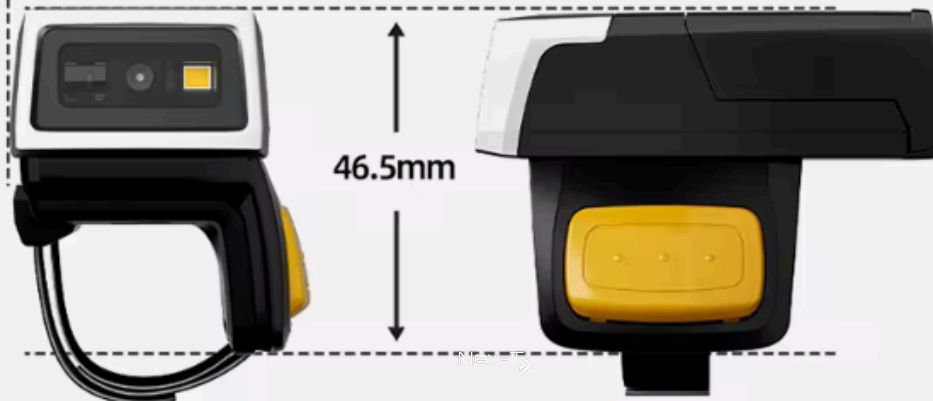
40.5mm



64.5mm



46.5mm



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## Powerful Decode Capacity

Easily recognize various phone screens, folded and vague codes



Phone screen



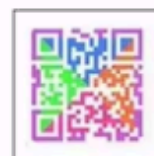
Computer screen



Whitened QR code



Special material



Colorful code



Item barcode



Plastic QR code



QR code on jewelry



QR on argentous paper



QR on metal material



Screen



Paper



Film