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WT1521 Wearable Armband Ring Scanner

Plug-and-Play, No Bluetooth Pairing Process

The Type-C cable secures a dependable and steady link between the scanner and your mobile device, reducing the chances of data interruptions or connectivity glitches. Featuring a reversible plug setup, the Type-C connector streamlines the insertion procedure, ensuring effortless connections and enabling high-speed data transfers for quick and effective communication.

Free-Up Your Hands - Conveniently Worn on Your Index Finger Like a Ring

By wearing the scanner on the index finger, users can easily scan barcodes, freeing up their hands to multi-task. In industries such as logistics and warehousing, where employees must manage packages or goods, this feature proves invaluable in greatly improving staff efficiency and productivity.

Three Kinds of Armbands for Diverse Work Environments

There are three types of armbands available for purchase, each with unique features and styles to meet different preferences and needs. Whether you're using them in a heavy-duty warehouse, a well-organized production line, or a bustling retail operation, there's one for you, and each one is customized just for you.

360° Rotatable Armband - Supports Landscape and Vertical Viewing

With a 360° rotatable mechanism, the armbands allow users to adjust their mobile device to either landscape or vertical orientation easily. This feature provides users with the flexibility to choose their preferred viewing mode based on their activities, content, or personal preference. Users can switch to landscape mode for a wider display, while opting for vertical mode for more conveniently.

PRODUCT SPECIFICATION
Wearable Armband Ring Scanner WT R1521

ARMBAND PARAMETER

Armband Type	AB1800, AB2000, AB2200
Strap Length	Adjustable, 27cm and 38cm are available for AB2200
Armband Direction	360° rotatable
Applicable Screen Size	AB1800 for terminals with 4.0-6.5 inch screens
	AB2000 is suitable for screens of any size
	AB2200 for terminals with 4.7-7.2 inch screens
Armband Material	AB1800 - Silicone, PU, Webbing
	AB2000 - ABS, PU, Polyester
	AB2200 - PC, ABS, Webbing

SCANNER PHYSICAL PARAMETER

Dimensions	66.54mm(L) × 34.73mm(W) × 25.16mm(D)
Weight	25.8g(Scanner body)
Notification	LED, Buzzer, Vibration

INTERFACE

USB Interface	USB Type-C
Coiled Cable	Both ends Type-C connector, 165mm
USB Protocol	USB HID Keyboard, USB VCP (Virtual Serial Port)
Multilingual Keyboards	USB HID mode supports multilingual keyboards

DECODE RANGES

13 mil EAN-13	50.0– 325.0MM
5 mil Code 39	55.0 – 135.0MM
13 mil Code128	50.0 – 330.0MM
15 mil QR	30.0 – 190.0MM
10mil Data Matrix	40.0 – 130.0MM
6.67 mil PDF417	50.0 – 135.0MM

PERFORMANCE CHARACTERISTICS

Optical		640×480 pixels
Resolution		Global Shutter
Shutter		2D CMOS Image
Sensor		Skew tolerance: ±55° from normal
Skew, Pitch & Roll		Pitch tolerance: ±55° from normal
		Roll tolerance: 360° from normal
Illumination		White LED
Aiming		Red LED
Supported Symbologies	1D:	Code 128(ISBT 128, AIM 128, GS1 128) , EAN-13, EAN-8, UPC-E, UPC-A, ISBN, ISSN, Code11, Interleaved 2 of 5, Code39, Code93, Code32, Codabar, Matrix 2 of 5, Industrial 25, IATA25, MSI Plessey, GS1 DataBar, Plessey, Febraban
	2D:	QR Code, Micro QR, Data Matrix, PDF417, Micro PDF417, Aztec, Maxicode, Han Xin Code, Dotcode, Composite

USER ENVIRONMENT

Ambient Light	Max 100000lux (direct sunlight)
Operating Temperature	-10°C~50°C
Storage Temperature	-10°C~50°C
Humidity	5% - 85% non-condensing
Drop Spec.	Multiple 4.9ft./1.5M drops to concrete
Tumble Spec.	Scanner body withstands 20,000 times from 3.3ft./1M with frequency of 10 times per minute.
Electrostatic Discharge (ESD)	±8kv dc discharge, ±15kv air discharge
Certificates	RoHS, NOM, EAC

AB1800

AB2000

AB2200

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