

WT1120 Wearable Armband Ring Scanner



Wired Way Ensures Instant Connection

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.

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.

True-Wearable Ring Trigger - Easy to Wear on Your Index Finger Like a Ring

Users can wear the scanner on their index finger, allowing them to efficiently scan barcodes while keeping their hands free for other tasks. This is particularly useful in industries like logistics and warehousing where workers need to handle packages or products.

Best-In-Class 1D Laser Scanning Performance and Efficiency

Benefit Zebra Adaptive Scanning Technology, aggressive scanning performance and a wide working range work hand-in-hand to enable the rapid and accurate scanning of bar codes, improved productivity. Workers enjoy first time every time dependable scanning on any 1D bar code, regardless of lighting conditions.

PRODUCT SPECIFICATION

Wearable Armband Ring Scanner WT1120

ARMBAND PARAMETER

Armband Type	AB1800, AB2000, AB2200
Strap Length	Adjustable, 27cm and 38cm are available for AB2200
Armband Direction	360° rotatable

SCANNER PHYSICAL PARAMETER

Dimensions	3.0in.(L) x 1.4in.(W) x 1.0in.(H) 75.07mm(L) x 34.73mm(W) x 25.16mm(H)
Weight	33g(Scanner body)
Notification	LED, Buzzer, Vibration

PERFORMANCE CHARACTERISTICS

Optical Resolution	0.0015in. minimum element width
Sensor	Laser
Skew, Pitch & Roll	Skew tolerance: $\pm 40^\circ$ from normal Pitch tolerance: $\pm 65^\circ$ from normal Roll tolerance: 35° from normal
Field of View	47° wide, 10° medium, 10° narrow
Scan Element	a resonant single line (650nm laser)
Supported	1D: Code39, Code128, Codabar, Code11, UPC/EAN, Interleaved
Symbologies	2 of 5, Discrete 2 of 5, Chinese 2 of 5, Matrix 2 of 5, Korean 3 of 5, GS1 Databar, Code93, MSI Composite
Interface	USB
Offline Mode	Support storage of 4388 EAN-13 barcodes

INTERFACE

USB Interface	USB Type-C
USB Protocol	USB HID Keyboard, USB VCP (Virtual Serial Port)
Multilingual Keyboards	USB HID mode supports multilingual keyboards

USER ENVIRONMENT

Ambient Light	Max 107,639lux (direct sunlight)
Operating Temperature	14°F ~ 122°F / -10°C~50°C
Storage Temperature	14°F ~ 122°F / -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 minutes.
Electrostatic Discharge (ESD)	± 8 kv DC discharge, ± 15 kv air discharge
Certificates	RoHS, NOM, EAC

DECODE RANGES

5 mil Code 128	30.5 - 195.6MM
5 mil Code 39	30.5 - 317.5 MM
7.5 mil Code 39	27.9 - 469.9MM
10 mil Code128	30.5 - 482.6 MM
100% UPC-A	40.6 - 685.8 MM
15 mil Code 128	25.4 - 749.3MM
20 mil Code 39	35.6 - 1320.8 MM
55 mil Code 39	86.4 - 2540.0 MM
100 mil Code 39	609.9 - 5181.6 MM



AB1800



AB2000



AB2200

GENERALSCAN

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