

WT5520 Wearable Armband Glove Scanner



Adaptive Armband AB2200-Adjusts the Side Screws to Make It in Different Widths for Mounting Various Sizes of Mobile Terminals

The AB2200 features a unique design where users can adjust the side screws to alter the width of the armband. This adjustable feature allows the armband to accommodate different sizes of mobile terminals. Users can easily adjust the armband to fit their specific device size, providing a snug and secure attachment. This adaptability is particularly beneficial for individuals who frequently switch between different mobile terminals or have devices with varying dimensions.

Breathable and Lightweight Material Glove Ensures Comfortable Wearing

The MKIII glove features lightweight and breathable materials and an ergonomic design to ensure it remains comfortable even when worn for long periods of time during daily work, greatly reducing user fatigue and increasing user comfort.

With Dual-core Hardware PL5000 Decoder, It can Decode in Record Time, Even on Damaged, Poorly Printed and Low Contrast Barcodes or in Poor Lighting

The PL5000 hardware decoder boosts worker productivity with unmatched decode times, superior motion tolerance, plus advanced barcode and data capture processing features, plus support for the newest barcode symbologies.

Rotating Armbands - Enable Viewing in Landscape and Portrait Modes

Equipped with a 360° rotatable mechanism, these armbands offer users the convenience of effortlessly switching their mobile devices between landscape and portrait orientations. This flexibility empowers users to tailor their viewing experience to suit their tasks, content, or individual preferences. Whether opting for a wider display in landscape mode or a more ergonomic setup in portrait mode, users can easily customize their viewing orientation for enhanced comfort and usability.

PRODUCT SPEC SHEET

Wearable Armband Glove Scanner WT5520

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

Scanner Dimensions	70.00mm(L) × 36.00mm(W) × 26.80mm(H)
Scanner Weight	37g (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

5 mil Code 39	3.3in. - 8.8in. /84.0mm - 224.0mm
5 mil Code 128	2.8in. - 8.2in. /71.0mm - 208.0mm
6.6 mil PDF417	2.0in. - 13.5in. /50.8mm - 343.0mm
10 mil DataMatrix	3.1in. - 8.4in. /79.0mm - 213.0mm
100% UPC-A	2.9in. - 10.1in. /74.0mm - 257.0mm
15 mil QR Code	1.8in. - 26.0in. /46.0mm - 660.0mm
20 mil QR Code	2.0in. - 30in. /50.8mm - 762.0mm

PERFORMANCE CHARACTERISTICS

Optical Resolution	1280 x 800 pixels
Shutter	Rolling shutter
Sensor	2D CMOS Image
Skew, Pitch & Roll	Skew tolerance: ±60° from normal Pitch tolerance: ±60° from normal Roll tolerance: 360° from normal
Illumination	White LED
Aiming	Green LED
Supported Symbolologies	1D: Code39, Code128, Codabar, Code11, UPC/EAN, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Matrix 2 of 5, Korean 3 of 5, GS1 Databar, Code93, MSI, Composite 2D: PDF417, Postal CodesMicro PDF, Micro PDF417, Code128 Emulation, Aztec, Data Matrix, GS1 Data Matrix, QR Code, GS1 QR, Maxicode, Micro QR, Han Xin, Grid Matrix, Dotcode, OCR

USER ENVIRONMENT

Ambient Light	Max 107,639 lux (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)	±8kv dc discharge, ±15kv air discharge
Certificates	RoHS, NOM, EAC



AB1800



AB2200



AB2200

GENERALSCAN

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