

# WT3520 Wearable Armband Ring Scanner



## 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.

## Versatile Armband AB2200 - Customize Width Using Side Screws to Secure Mobile Devices of Different Sizes

The versatile AB2200 armband is a practical solution for securing mobile devices of various sizes. Its innovative design allows users to customize the width by adjusting the side screws, ensuring a snug and secure fit for mobile terminals in different sizes. This adaptability makes the AB2200 armband a convenient accessory for individuals who use different devices or frequently switch between devices, offering peace of mind and stability during activities and on the go.

## Customizable Arm Strap - Accommodates a Range of Arm Circumferences

Generalscan armbands boast adjustable straps that cater to a multitude of arm sizes, ensuring a personalized and comfortable fit for users of all dimensions. By adjusting the strap, individuals with varying arm thicknesses can enjoy a tailored wearing experience. This adaptable construction not only broadens their utility but also amplifies their comfort level, rendering them suitable for a diverse user base seeking a flexible and snug armband solution.

## Advanced Scanning Capabilities for Enhanced Productivity

Automatically optimizes scanning parameters to create an extraordinary extended working range for easy scanning of bar codes that are near and far. Aggressive performance and accurate capture of all barcodes, even damaged and poor quality increase productivity and accuracy in customer applications.

## PRODUCT SPEC SHEET

### Wearable Armband Ring Scanner WT3520

#### ARM BAND 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

#### 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

#### USER ENVIRONMENT

Ambient Light	Max 107639lux (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	±8kv dc discharge, ±15kv air discharge
Discharge (ESD)	
Certificates	RoHS, NOM, EAC

#### SCANNER PHYSICAL PARAMETER

Scanner Dimensions	64.8mm(L) × 34.6mm(W) × 24.8mm(D)
Scanner Weight	30.3g(Scanner body)
Notification	LED, Buzzer, Vibration

#### PERFORMANCE CHARACTERISTICS

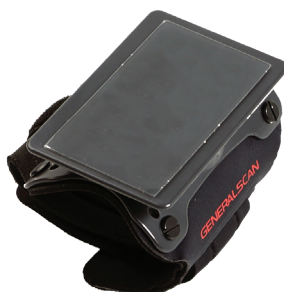
Optical Resolution	600 x 480 pixels
Shutter	Rolling shutter
Sensor	2D CMOS Image
Skew, Pitch & Roll	Skew tolerance: ±60° from normal Pitch tolerance: ±60° from normal Roll tolerance: 360° from normal
Illumination	Red LED
Aiming	Red LED
Supported Symbolologies	1D: Code39, Code128, Codabar, Code11, UPC/EAN, 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

#### DECODE RANGES

5mil Code128	63.0 - 127.0MM
5mil Code39	51.0 - 162.0MM
6.6mil PDF417	63.0 - 160.0MM
10mil PDF417	45.0 - 228.0MM
20mil Code39	50.0 - 495.0MM
100%UPC	50.0 - 317.0MM
20mil DataMatrix	38.0 - 343.0MM
20mil QR	38.0 - 279.0MM



AB1800



AB2000



AB2200

# GENERALSCAN

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