ANSWK

1D 2D
FC CE RoHS

RS51

ANSWK® 2D Corded Ring Wearable Scanner

FEATURES

• Ergonomic, smart and light weight design of the scanner piece mounted on the finger provides comfortable usage and user satisfaction.

• Incorporates the ultra-slim area-imaging engine for aggressive, omnidirectional 1D and 2D barcode scanning, quickly decode all standard barcode of 1D and 2D from printed or digital screen.

• USB Type-C port design efficiently fits with all Type-C port phones or tablets. The combination of scanner and phone or tablets provides the optimal wearable scanning solution in high user productivity.

• With the armband to fix the phone or tablets, this solution allows uninterrupted freedom to use both hands for handling objects while quickly scanning codes.

TECHNICAL SPECIFICATIONS

Decoding Capability

1D CODES   all standard 1D codes including GS1 DataBar™ linear codes.

2D CODES   all standard 2D codes including China Han Xin Code, Aztec Code; Aztec Mesas; Data Matrix; QR Code, Micro QR Code, etc.

Electrical

Input Voltage: 5V DC (±0.25)
Current: Operating (Typical):110mA; Max:750mA

Environmental

Operating Temperature: -15°C to +50°C
Storage Temperature: -20°C to +60°C
Humidity: 5% to 95%, non-condensing
Mechanical Shock: Operational after 25 drops from 1.2 m to concrete
Ambient Illumination: 0 - 100,000 lux

Interface

Interface: USB Type-C, USB virtual COM
Options: RS-232 / USB / Keyboard Wedge,etc.

Physical Characteristics

Colors: Black
Dimensions: 29.1*40.8*42.8mm
Weight: 20g (scanner), cable(15.5cm)
Housing: PC+TPU
Exit Windows Material: Tempered glass
Indicator: Beeper, LED
Operating Mode: hand-actuated or auto-detaction

Scan Performance

Scan Pattern: Arear Image, 1200*800 pixels
Illumination LED: White emitting color, standard2700k
Aiming LED: 617NM peak wavelength, red LED
Filed of View: Horizontal:41°, vertical:28°
Scanning Angle: ±70°, ±75°, 360°(Skew, Pitch, Roll)
Minimum Symbol Contrast: 20% minimum reflectance difference
Resolution(Minimum)**:** 4 mil (1D)

Typical Depth of Field:

Minimum distance determined by symbol length, scan angle, printing resolution, contrast, ambient light dependent, etc.

Code 128	4 mils:	6.6 to 11.5 cm
Code 39	10 mils:	2.0 to 29.0 cm
UPC	13 mils:	1.5 to 33.0 cm
PDF417	6.7 mils:	4.0 to 14.5 cm
QR	10 mils:	1.5 to 16.5 cm
DM	15 mils:	1.5 to 17.5 cm
QR	20 mils:	1.8 to 33.0 cm

Certifications

Certification: CE, FCC, etc.

Warranty

Warranty: One year factory warranty

ACCESSORIES

Armband

Usage Demo

WECHAT

www.answk.com