



## TK-3488-BT 2D BLUETOOTH SCANNER WITH CRADLE AND USB CABLE

Bluetooth (BT) 2D Barcode Imager Scanner - The TK-3488-BT is the second generation of Bluetooth 2D barcode imager TK scanners. It can out-perform, out-scan and out-live many of the best Bluetooth barcode imager scanners in the industry at a fraction of the price. Supports Windows, Android & iOS.



- 2D / 1D Bluetooth omnidirectional imager barcode scanner, battery, base station and USB cable
- Supports Windows, Android & iOS and has a user replaceable battery
- Reads paper documents plus smart phones, tablet & PC screens
- Fully programmable (Customer service e-mails programming manual)
- 3 year warranty on scanner, 90 days on battery
- See TK-3488-BT-PS for optional fast charging

The TK-3488-BT is the second generation of Bluetooth 2D TK imager / scanner. It can out-perform, out-scan and out-live many of the best imager barcode scanners in the industry at a fraction of the price. Whether you need an economical replacement of your current Bluetooth 1D barcode scanner or a top performing Bluetooth 2D imager barcode scanner, it is the perfect choice. The unique light pointers make it quick and easy to pick out individual barcodes especially when reading small 2D bar codes. There is also a green dot acknowledgement light which shines on the barcode after a successful read letting you know you scanned the correct barcode. The green dot acknowledgement light is excellent when in quiet areas where typical decode beeps are annoying or in noisy environments where the decode beep cannot be heard. The TK-3488-BT reads 1D and 2D barcodes on both documents and screens.

Barcodes can be read on smartphones, tablets, PCs and kiosks for a wide variety of applications such as mobile coupons, ticketing, web addresses and product information. It also reads damaged and poorly printed documents, making it perfect for retail, entertainment, transportation, healthcare, warehouse and manufacturing. The TK-3488-BT imager barcode scanner has an omnidirectional imager barcode scan engine which eliminates the need to align the barcode reader with the barcode, this eliminates the need to rotate the scanner to a particular angle in order to read the barcode. This saves time while reducing wrist fatigue, training and misreads.

## TK-3488-BT SPECIFICATIONS

### CORDLESS COMMUNICATIONS

#### BLUETOOTH WIRELESS TECHNOLOGY

Piconet: Max. Readers per Radio Receiver Using Commercial Dongle: 7; Using Cradle: 1

#### PROFILES

HID (Human Interface Device) SPP (Serial Port Profile)

#### PROTOCOL

Bluetooth 3.0 Certified Class 2

#### RADIO FREQUENCY

2.4 GHz

#### RADIO RANGE (OPEN AIR)

25.0 m / 82.0 ft Range distances are measured using the base station. Range with connection to other Bluetooth peripherals may show different results.

#### SECURITY

Data Encryption; Scanner Authentication

#### DECODING CAPABILITY

##### 1D / LINEAR CODES

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

##### 2D CODES

Aztec Code; Aztec Mesas; Data Matrix; MaxiCode; QR Code, Micro QR Code; China Han Xin Code

##### POSTAL CODES

Australian Post; British Post; Canadian Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; Royal Mail Code (RM4SCC)

##### STACKED CODES

EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417; UPC A/E Composites

### ELECTRICAL

#### BATTERY

Battery Type: Lithium-Ion 1400 mAh Charge Time: External Power: < 3 hrs @ 12 VDC; Reads per Charge: 30,000 +

#### INPUT VOLTAGE

4.75 - 14 VDC

### ENVIRONMENTAL

#### AMBIENT LIGHT

0 - 100,000 lux

#### DROP RESISTANCE

Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface.

#### ESD PROTECTION (AIR DISCHARGE)

16 kV

#### HUMIDITY (NON-CONDENSING)

5 - 95%

#### PARTICULATE AND WATER SEALING

IP42

### TEMPERATURE

Operating: 0 to 50 °C / 32 to 122 °F

Storage/Transport: -40 to 70 °C / -40 to 158 °F

### INTERFACES

#### INTERFACES

Keyboard Wedge / OEM (IBM) USB / RS-232 / USB

### PHYSICAL CHARACTERISTICS

#### COLORS AVAILABLE

Black, White

#### DIMENSIONS

16.3 x 9.1 x 4.1 cm / 6.4 x 3.6 x 1.6 in

#### WEIGHT

Reader: 200 g / 7.1 oz

Base/Charger: 230 g / 8.1 oz

### READING PERFORMANCE

#### IMAGER SENSOR

Wide VGA: 752 x 480 pixels

#### LIGHT SOURCE

Aiming: 2 Blue LED's; Illumination: Red LED 610 - 650 nm

#### MOTION TOLERANCE

25 IPS

#### PRINT CONTRAST RATIO (MINIMUM)

25%

#### READING ANGLE

Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 60°

#### READING INDICATORS

Beeper (Adjustable Tone and Volume);

'Green Spot' Good Read Feedback; Good Read

#### LED RESOLUTION (MAXIMUM)

0.102 mm / 4 mils (Linear Codes)

### READING RANGES

#### TYPICAL DEPTH OF FIELD

Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. Code 39 5 mils: 0.5 to 15.0 cm / 0.2 to 5.9 in EAN/UPCA 13 mils: 0.5 to 35.0 cm / 0.2 to 13.8 in PDF417 6.6 mils: 2.0 to 15.0 cm / 0.8 to 5.9 in Data Matrix 10 mils: 2.0 to 16.0 cm / 0.8 to 6.3 in

### SAFETY & REGULATORY

#### AGENCY APPROVALS

The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications.

#### ENVIRONMENTAL COMPLIANCE

Complies to China RoHS; Complies to EU RoHS

#### WARRANTY

3-Year Factory Warranty, 90-days on battery

