

# TSK-4300WL (LASER Wireless)



## • PERFORMANCE

**CPU :** 32Bit  
**Scan rate :** 120 Scans per Second  
**Resolution :** 3 mil (0.075mm)  
**Illumination :** Visible Laser Diode 670nm±10nm  
**Skew Angle :** ±65 Degree  
**Pitch Angle :** ±50 Degree  
**Field Width :** 150mm (15mil)  
**Depth of field :** 30~450mm  
**Symbologies :** UPC/EAN/JAN, Code39, Interleaved 2 of 5 Standard 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Codabar, Code128, MSI, Plessey, Code93, Code 3 of 5 (Korean Postage)

**Interface :** Bluetooth - HID, SPP(serial)  
**Data storage Memory :** USB- HID, SERIAL  
 350 Kbyte (15000 events, EAN13)

## BLUETOOTH CLASS1

**Carrier Frequency :** 2400MHz to 2483.5MHz  
**Modulation Method :** GFSK, 1Mbps, 0.5BT Gaussian  
**Transmission Power :** Class 1(max 18dbm)  
**Hopping :** 1600 hops/sec, 1MHz channel space  
**Receiving Signal Range :** -84 to -20dbm  
**Receiver IF Frequency :** 1.5MHz center frequency  
**Compliant :** Bluetooth Specification v2.1 EDR  
**Radio Range :** 50m open air

## • MECHANICAL

**Dimensions :** 70mm X 37mm X 15.7mm  
**Weight :** 37g  
**Body Material :** ABS Plastic

## • ELECTRICAL

**Power Supply :** Rechargeable Li-Poly battery 3.7V 350mAh , **PC-USB charging**  
**Power Consumption :** Normal 70mA Max Power down 420uA  
**Battery Life :** Up to 10,000 Scans

## DURABILITY

**Trigger Switch :** 1 million Actuations  
**Shock Resistance :** 1 meter drop onto Concrete Surface

## ENVIRONMENTAL

**Temperature :** Operating : 0 ~ 50°C, Storage : -10 ~ 60°C  
**Humidity :** Operating : 10% ~ 80%, Storage : 10% ~ 95%  
**Mechanical Shock :** Functional after 1.5m (5ft) drops  
**ESD Protection :** Functional after 15kV discharge

**Techscan**

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