

# TSK-6000

## (LASER, CCD, 2D Wireless, for Smart Phone)



### • PERFORMANCE

<b>CPU :</b>	32Bit, ( 90MIPS )
<b>Memory :</b>	Flash 256Kbyte (up to 1Mbyte optional) SRAM 48Kbyte (up to 96Kbyte optional)
<b>Display :</b>	1.3", OLED 128 x 96
<b>Indicator :</b>	3 LED, Scan(Blue), Bluetooth(Green), Power(Red/Green)Vibration, Beep
<b>Scan rate :</b>	120 Scans per Second
<b>Resolution :</b>	3 mil (0.076mm)
<b>Light Source :</b>	Visible Laser Diode 650nm ± 10nm
<b>Sensor :</b>	Photo sensor
<b>Skew Angle :</b>	±65 Degree
<b>Pitch Angle :</b>	±50 Degree
<b>Field Width :</b>	170mm (15mil)
<b>Depth of field :</b>	30~450mm
<b>Symbologies :</b>	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)
<b>Interface :</b>	RS-232C, PS2, USB, SERIAL USB
<b>Data storage Memory :</b>	120 Kbyte (ex. UPC/EAN 5,000 events) Option 1Mbyte ( 50,000 events)

### • BLUETOOTH CLASS1

<b>Carrier Frequency :</b>	2400MHz to 2483.5MHz
<b>Modulation Method :</b>	GFSK,1Mbps, 0.5BT Gaussian
<b>Transmission Power :</b>	Class 1(max 20dbm)
<b>Hopping :</b>	1600 hops/sec, 1MHz channel space
<b>Receiving Signal Range :</b>	-84 to -20dbm
<b>Receiver IF Frequency :</b>	1.5MHz center frequency
<b>Compliant :</b>	Bluetooth Specification v1.1z

### • GPS

GPS with Internal Antenna(optional)

### • MECHANICAL

<b>Dimensions :</b>	45mm X 110mm X 30mm
<b>Weight :</b>	90g
<b>Body Material :</b>	ABS Plastic
<b>Key :</b>	3 Scan buttons(Left-Right side and center) up and down, Reset

### • ELECTRICAL

<b>Power Supply :</b>	3.7V, 900mAh, Li-pol
<b>Power Consumption :</b>	Normal 70mA 150MMax Power down 420uA
<b>ClockBattery :</b>	3V, 3.4mAh
<b>Battery Life :</b>	<b>Up to 50,000 Scans</b>

### • DURABILITY

<b>Trigger Switch :</b>	1 million Actuations
<b>Shock Resistance :</b>	<b>1.2 meter drop onto Concrete Surface</b>

### • ENVIRONMENTAL

<b>Temperature :</b>	Operating : 0 ~ 50°C, Storage : -10 ~ 60°C
<b>Humidity :</b>	Operating : 10% ~ 80%, Storage : 10% ~ 95%
<b>Dust &amp; Water Proof</b>	IP54
<b>Mechanical Shock :</b>	Functional after 1.5m( 5ft) drops
<b>ESD Protection :</b>	Functional after 15kV discharge

**MADE IN KOREA**

