

# TSK-2500 (CCD Wireless)



## PERFORMANCE

<b>CPU :</b>	32Bit
<b>Scan rate :</b>	200 Scans per Second
<b>Resolution :</b>	4 mil (0.1mm)
<b>Photo Sensor :</b>	3648 Pixel Linear CCD
<b>Illumination :</b>	660nm Visible Red LEDS
<b>Skew Angle :</b>	±65 Degree
<b>Pitch Angle :</b>	±50 Degree
<b>Field Width :</b>	150mm (15mil)
<b>Depth of field :</b>	40~400mm
<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>	Standard RS-232C, Keyboard Wedge, USB, SERIAL USB
<b>Data storage Memory :</b>	32 Kbyte (ex. UPC/EAN 2300 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
<b>Radio Range :</b>	50m open air

## MECHANICAL

<b>Dimensions :</b>	80mm X 96mm X 179mm
<b>Weight :</b>	200g
<b>Body Material :</b>	ABS Plastic

## ELECTRICAL

<b>Power Supply :</b>	AA X 2 (2.4 Voltage) Ni-MH or Ni-cd
<b>Power Consumption :</b>	Normal 70mA Max 450mA(CCD)/ 150mA( Laser) Power down 420uA
<b>Battery Life :</b>	Up to 35,000 Scans

## DURABILITY

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

## ENVIRONMENTAL

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