

TSK-2500 (CCD Wireless)



PERFORMANCE

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

BLUETOOTH CLASS1

Carrier Frequency :	2400MHz to 2483.5MHz
Modulation Method :	GFSK,1Mbps, 0.5BT Gaussian
Transmission Power :	Class 1(max 20dbm)
Hopping :	1600 hops/sec, 1MHz channel space
Receiving Signal Range :	-84 to -20dbm
Receiver IF Frequency :	1.5MHz center frequency
Compliant :	Bluetooth Specification v1.1z
Radio Range :	50m open air

MECHANICAL

Dimensions :	80mm X 96mm X 179mm
Weight :	200g
Body Material :	ABS Plastic

ELECTRICAL

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

TSK-4500 (LASER Wireless)



PERFORMANCE

Scan rate :	120 Scans per Second
Resolution :	3 mil (0.076mm)
Light Source :	Visible Laser Diode 670nm ± 10nm
Sensor :	Photo sensor
Skew Angle :	±65 Degree
Pitch Angle :	±50 Degree
Field Width :	170mm (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 :	Standard RS-232C, Keyboard Wedge, USB, SERIAL USB
Data storage Memory :	32 Kbyte (ex. UPC/EAN 2300 events)

BLUETOOTH CLASS1

Carrier Frequency :	2400MHz to 2483.5MHz
Modulation Method :	GFSK, 1Mbps, 0.5BT Gaussian
Transmission Power :	Class 1(max 20dbm)
Hopping :	1600 hops/sec, 1MHz channel space
Receiving Signal Range :	-84 to -20dbm
Receiver IF Frequency :	1.5MHz center frequency
Compliant :	Bluetooth Specification v1.1z
Radio Range :	50m open air

MECHANICAL

Dimensions :	80mm X 96mm X 179mm
Weight :	200g
Body Material :	ABS Plastic

ELECTRICAL

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