

# Bluetooth Wireless Scanner

ISK-2500 / ISK-4500 / ISK-3500



- High performance scanner
- Wide RF range up to 50m open air
- Memory mode available in case out of range
- Up to 35,000 scans per charge
- Supports all interface including USB
- Easy to use without any additional programming



## SCANNER

Model	ISK-2500	ISK-4500
Light Source	Visible Red LED(660nm)	Visible Laser Diode 670nm±10nm
Sensor	CCD solid state(3648 pixels)	Photo sensor
Scan Rate	200 scans per second	120 scans per second
Resolution	3 mil(0.076mm)	4 mil(0.1mm)
Depth Of Field	40mm~280mm	30mm~370mm
Field Width	140mm(15mil)	150mm(15mil)

## Functional

Decode Capability	UPC/EAN/JAN, Code39, Code32, 2 of 5 family, Codabar, Code128, Code93, MSI/Plessey, Code 3 of 5(Korean Postage), China Postage	
RF mode	Real time transmission	
Memory mode	Batch transmission : 2300 UPC codes can be stored	
LED Indicators	Good read LED(green), Low battery LED(red)	
Beeper Operation	Good read beeper, Good transmission beeper, Transmission error beeper, Low battery beeper	

## Physical

Weight	200g(with batteries)
Dimension	80mm(W)×96mm(L)×179mm(H)
Body Material	ABS Plastic

## Electrical

Power	Two AAA batteries Ni-MH or Ni-cd
Power Consumption	RF mode : Normal 70mA, Max 450mA(CCD) / 150mA(Laser) Memory mode : Normal 450uA, Max 400mA(CCD) / 90mA(Laser)
Battery Life	Up to 35,000 scans per charge

## CRADLE

Model	ISK-3500
Power Supply	6~9VDC 500mA
Recharge Time	5 hours
LED Indicators	Charge : Battery charging(red) / Charging completed(green) Status : Data transmission(red) / RF on-line(green)
Beeper Operation	Parameters updating
Interface	Keyboard wedge, RS-232C, USB, Wand emulation, Laptop
Cable Standard	1.9m straight
Weight	170g
Dimension	96mm(W)×215mm(L)×62mm(H)
Body Material	ABS Plastic

## COMMON

## Bluetooth Class 1

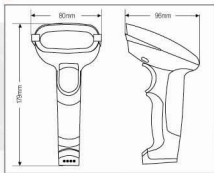
Carrier Frequency	2.4GHz to 2.4835GHz
Modulation Method	GFSK, 1Mbps, 0.5BT Gaussian
Transmission Power	Class 1(max 20dbm)
Hopping	1600 hops/sec, 1MHz channel space
Receiving Signal Range	-84 to -20dbm
Receiver IF Frequency	1.5MHz center frequency
Compliant	Bluetooth specification v1.1
Radio Range	50m open air

## Environmental

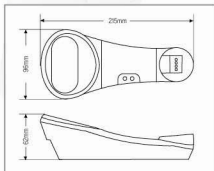
Temperature	Operating 0°C to 50°C Storage -10°C to 60°C
Humidity	Operating 10% to 90% Storage 0% to 95%
Shock	Functional after 2.0m drops

Specification and features herein are subject to change without notice

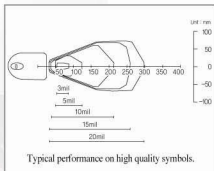
## Scanner Dimensions



## Cradle Dimensions



## CCD Scan Area



## Laser Scan Area

