

# Bluetooth

## Wireless Scanner

1166 / 1266 BLUETOOTH



- Safe Linear Imaging Technology or Standard Laser scanner
- Range over 50M
- Weight : 200g
- Working Hours : 50hrs
- Reading Range : up to 63 cm
- Ideal for Retail Applications
- Bluetooth Certified

1166 / 1266 BLUETOOTH

# 1166 / 1266 Bluetooth Wireless Scanner

## Specifications

### Scanner: Bluetooth Class 2

Frequency:	2.402~2.4835 GHz
Modulation:	GFSK, 1Mbps, 0.5BT Gaussian
Data Rate:	433Kbps
Power:	+3dBm
Hopping:	1600 hops/sec, 1MHz channel space
Receive IF Frequency:	1.5MHz center frequency
Compliant:	Bluetooth Specification Ver.1.2 Serial Port Profile, HID
Coverage:	50M line-of-sight
Antenna:	Internal

### Power

Operation Battery:	Li-ion 750mAH removable
Working Hours:	30 hours, 20000 scans (1166) 50 hours, 35000 scans (1266)

### Environmental

Temperature:	0°C~50°C (operating) -20°C~60°C (storage)
Humidity:	10%~90% non-condensing (operating) 0%~95% non-condensing (storage)
Shock Resistance:	Withstand multiple drops from 1.2M onto a concrete surface

### Physical

Weight:	200g (1166 including battery) 210g (1266 including battery)
Housing:	ABS and Rubber
Trigger:	Micro switch
Color:	Dark Grey / Black
Dimensions:	91 x 73 x 158 mm (L x W x H)

### Laser Scanner (1266)

Light Source:	Visible Laser diode operating at 650 ± 15nm
Scan Rate:	35 ± scans/sec
Scan Angle:	53° ± nominal
Reading Range:	1cm ~ 63cm, depends on barcode resolution

### Long Range CCD Scanner (1166)

Light Source:	Red LED (630nm)
Resolution:	Up to 0.125mm (5mil)
PCS (Min.):	0.45
Scanning Engine:	100 scans/sec
Ambient Light Rejection:	Maximum 2000 lux fluoresceint light
Reading Range:	2cm ~ 33cm, depends on barcode resolution

### Reading Performance

1166	
Lable Density (Interleave 2 of 5)	Range
5mil	2.36 - 5.12" / 6 - 13 cm
6mil	1.97 - 6.30" / 5 - 16 cm
10mil	1.97 - 9.84" / 5 - 25 cm
13mil	1.97 - 11.02" / 5 - 28 cm
20mil	1.57" - 12.99" / 4 - 33 cm

1266	
Lable Density (Interleave 2 of 5)	Range
5mil	2.0 - 4.0" / 5.08 - 10.16 cm
7.5mil	1.5 - 12.0" / 3.81 - 30.48 cm
100 UPC	1.5 - 12.0" / 3.81 - 30.48 cm
20mil	0 - 16" / 0 - 40.63 cm
55mil	0 - 25" / 0 - 63.5 cm

### Features

CPU:	16-bit CMOS, low power consumption
Offline Support:	Store up to 300 EAN labels when away from base for downloading when scanner within range.
Symbology Supported:	Code 39/Full ASCII, Codabar, Industrial 2 of 5, Interleave 2 of 5, Matrix 2 of 5, TELEPEN, Code 93, Code 128, EAN 128, MSI, EAN 8 & 13, UPCA & E, Plessey, RSS14, Italy PharmaCode, French PharmaCode
Keyboard Interface:	IBM PC/XT/AT & compatible, PS2-30, PS-55
Indicator Buzzer :	Red Color for Good Read; LED: Green Color for Status
Programmable Features:	Autosense Mode (1166 only) Code ID, Prefix code, Postfix Code, Length Code, Barcode type. Buzzer frequency, ISBN/ISSN/CLSI/UK Plessey conversion, Keyboard layout, Inter-character delay, Scanning mode, Language type, Time out, Baud rate, Data bit, Transmission mode, Character replacement
Data Editing Mode:	Three editing formats are supported. The following conditions can be programmed: code type, data length and location. Data can be divided into 6 Matching string fields. Five additional fields can be programmed for each editing format. User programmable field transmission sequence.
Language Support:	English(US), English(UK), French, Italian, Belgian, Norwegian/Swedish, Spanish, Portuguese, German

### Safety & Regulatory Approvals

FCC class-A, CE, C-tick

### Warranty

1 Year

### 3666 Charging Base Station

Power:	5V DC (max. 1A)
Output Power:	+3dBm
Piconet Support:	Up to 7 scanners
Output Interface:	RS232, Keyboard Wedge, USB(Virtual Com & HID)
Charging:	Scanner - 2HRS Spare Battery - 4HRS
Indicator LED:	Power, Charging, Connection

\*Preliminary Specifications - subject to change without notice



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