

# Code Ranger

## Cognitive's Portable Label Printers

### Flexible Printing Solutions for the Mobile Environment



#### Bluetooth Code Ranger

Cognitive is proud to introduce its most recent wireless edition to the Code Ranger portable printer family. The Code Ranger Bluetooth allows the mobile worker to print labels on demand at the point of label application, eliminating the need for costly, long range wireless communications and cables. More importantly, the Bluetooth technology consumes less battery life than the 802.11 wireless technology, allowing for increased power efficiency and greater productivity.



#### Code Ranger

Code Rangers are heavy-duty, lightweight portable label and receipt printers with a unique modular design and a virtually impenetrable shell that can withstand tough environments. With print speeds up to 3.5 inches per second and roll capacity up to 3.125" diameter, Cognitive's portable printers are a great, user friendly solution to keep the mobile work environment moving.

#### Accessories

The Code Ranger portable series offers a wide range of optional mobile accessories including weatherproof carry cases for outside mobile printing, swivel belt clip and shoulder straps for hands free printing, and fast pack battery charger's.



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# Code★Ranger **Technical Specifications**



Physical Characteristics	Standard		Bluetooth	
	2" OD	3.125" OD	2" OD	3.125" OD
Dimensions (HxWxD) inches	5.5 x 3.6 x 3.5 in.	6.8 x 3.6 x 4 in.	5.5 x 3.6 x 3.5 in.	6.8 x 3.6 x 4 in.
mm	142 x 92 x 89 mm	172 x 92 x 102 mm	142 x 92 x 89 mm	172 x 92 x 102 mm
Weight (with battery)	1.4 lbs	1.525 lbs	1.4 lbs	1.525 lbs
	0.63 kg	0.69 kg	0.63 kg	0.69 kg
Drop Specification	mil - STD 810F method 516.5, procedure IV Transit Drop			
<b>Communications</b>				
Type	Serial (RJ45), IrDA		Serial (RJ45), Class 2 Bluetooth 1.2	
<b>Battery</b>				
Type	NiMH 1100mAh		NiMH 2100 mAh	

## Media Capacity

Capacity 2" OD or 3.125" OD label or receipt stock

## Media

Max Width

(2" OD Printers) 2.40" (61mm)

(3.125" OD Printers) 2.24" (57mm)

Indexing Black bar, notch and gap, continuous

## Barcodes

Types Supported 21 standard barcodes, including: Add2, Add5, Codabar, Code39, Code128A/B/C, D2of5, I2of5, S2of5, EAN8/8+, EAN13/13+, EAN128, Maxicode, MSI/I1, PDF417, Plessey, Postnet, UPCA/A+/E/E1

Rotations 0° or 90°

## User Environment

Operating Temperature 14° F to 122° F (-10° C to 50° C)

Storage Temperature -4° F to 140° F (-20° C to 60° C)

Relative Humidity 10% to 95% non-condensing RH

## Print

Method Direct Thermal

Width (max) 1.89" (48mm)

Length (max) 19" (483mm) at 203 dpi, 76" (1220mm) at 101 dpi

Speed 3.5 ips (101mm/sec)

Resolution Selectable 203 or 101 dpi

Typical Printhead 500,000" (12.7km)

## Fonts & Graphics

Bitmap Fonts 7 sizes w/ up to 16x16 magnification, variable boldness & spacing

AGFA Fonts Sans-serif font in 7 sizes, up to 16x16 magnification, variable spacing

Scalable Smooth Fonts 3 Ultra Fonts: smooth characters, variable size, boldness, italics, grayscale

Graphic Formats PCX, BMP

IRotations 360° in 90° increments

## Memory (Standard)

RAM 256 KB

Non-volatile FLASH 2MB

## Standard Accessories

Windows® drivers, Quick Start Guide, label design software, printer configuration software, programmer's guide, belt clip, Cable strain relief

## Optional Accessories

Wall Charger 8 -12 hrs full charge (available only in standard model)

Fast Charger 1.5 hr full charge

Quadrapack 4-bay 1.5 hr full charge

Upgrades Real time clock, linerless, peeler

Carrying Accessories Rugged carrying case, shoulder strap, belt clip

Additional Language Kanji character set

Service Annual service contracts

Power 5v serial output via RJ45-db9



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For additional information about Cognitive products, contact our headquarter office or visit our website at [www.cognitive.com](http://www.cognitive.com) for a list of authorized distributors.

