

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. 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, allowing for increased power efficiency and greater productivity.



Code Ranger RF

Designed to meet the demands of wide area network infrastructure, the Code Ranger RF printers are available with several wireless interface options including Serial, 802.11 or 802.11b. The wireless portable series provides cable-free convenience without sacrificing printer performance. All RF printers include a powerful 2100 mAh battery.

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.

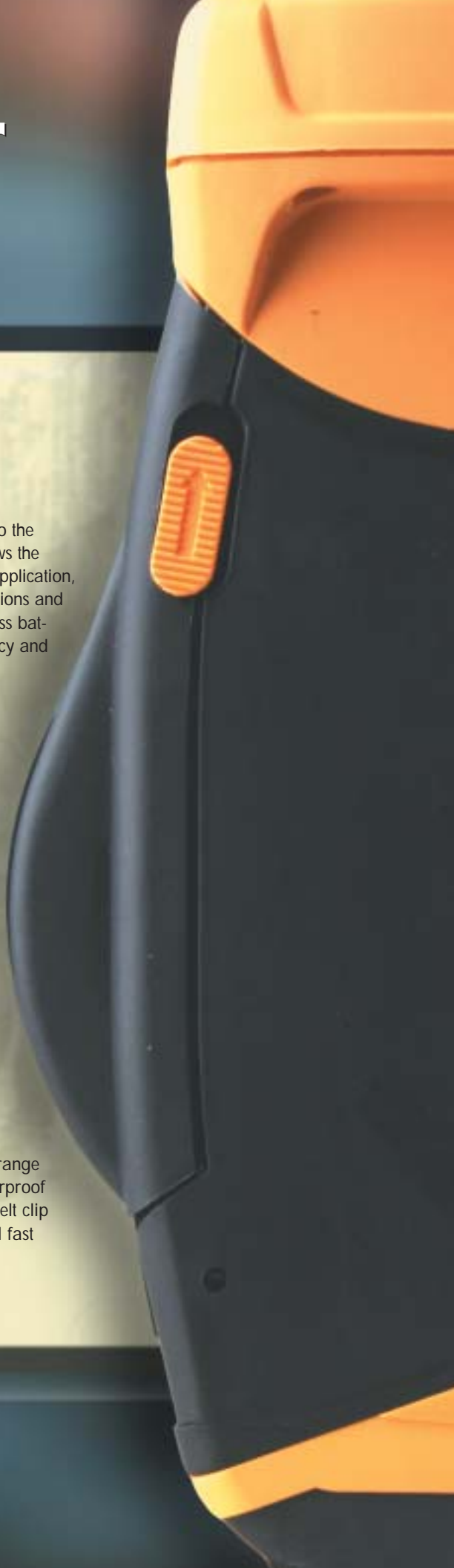


Accessories

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 chargers.

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Code★Ranger Technical Specifications

Physical Characteristics	Standard		RF Ready		Bluetooth	
	2" OD	3.125" OD	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.	6.3 x 4.7 x 3.5 in.	7.5 x 4.7 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	160 x 119 x 89 mm	190 x 19 x 102 mm	142 x 92 x 89 mm	172 x 92 x 102 mm
Weight (with battery)	1.4 lbs	1.525 lbs	1.54 lbs	1.76 lbs	1.4 lbs	1.525 lbs
	0.63 kg	0.69 kg	0.7 kg	0.8 kg	0.63 kg	0.69 kg
Drop Specification						
Communications						
Type	Serial (RJ45), IrDA		Serial (RJ45), 802.11 or 802.11b		Serial (RJ45), Class 2 Bluetooth 1.2	
Battery						
Type	NiMH 1100mAh		NiMH 2100 mAh		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

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" (1920mm) at 101 dpi

Speed 3.5 ips (101mm/sec)

Resolution Selectable 203 or 101 dpi

Typical Printhead 1,000,000" (50.80km)



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



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For additional information about Cognitive products, contact our offices or visit our website at www.cognitive.com

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