

Cognitive Code★Ranger



Portable series

Rough and Ready

Code Rangers are heavy-duty, light-weight portable printers that maximize productivity and enable you to print almost anywhere! The NiMH battery lasts for a full eight hour shift. A virtually impregnable shell and available weatherproof carrying case assure great performance in tough conditions. The sleek design and attractive colors complement environments as diverse as retail and industrial.

Fast and Versatile

With print speeds up to 4 inches per second (ips), Code Ranger is the fastest portable printer available. Powerful and flexible, Code Ranger can print receipts, labels or tags on media rolls up to 3.125" in diameter. The easy-access door and center-justified media path makes media loading fast and easy. Wireless IrDA, 802.11 and RF Code Ranger models integrate seamlessly into wireless networks of all sizes.

Cognitive

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Code★Ranger Technical Specifications

Specifications same for all models unless noted otherwise.

Model		Standard	Plus	RF Ready
Media Capacity		2" OD or 3.125" OD label, receipt or tagstock rolls		
Print	Method	Direct Thermal		
	Width (max)	1.89" 48mm		
	Length (max)	19" 483mm at 203 dpi, 76" 1220mm at 101 dpi		
	Speed	4 ips 101mm/sec		
	Resolution	Selectable 203 or 101 dpi		
	Typical Printhead Life	2,000,000 inches, 50.8km		
Media	Max. Width	2" OD printers: 2.40" 61mm, 3.125" OD printers: 2.24" 57mm		
	Indexing	Black bar, notch and gap		
Bar Codes	Types	All popular barcodes. For details, refer to the web site.		
	Rotations	0° or 90°		
Fonts & Graphics	Bitmap Fonts	7 sizes with up to 16 x 16 magnification, variable boldness and 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		
	Rotations	360° in 90° increments		
Memory (STD)	RAM	256KB		
	Non-volatile FLASH	1MB	2MB	2MB
Communications	Cable	RS485 Serial, 115 Kbps		
	IrDA Wireless	NA	IrDA 115 Kbps	NA
	RF Wireless	NA	NA	802.11, 802.11b
Battery	Type	NiMH 1100mAh	NiMH 1100mAh	NiMH 1600mAh
Environmental	Operating	14°F to 122°F -10°C to 50°C		
	Storage	-4°F to 140°F -20°C to 60°C, 10% to 95% non-condensing RH		
2" OD Dimensions (includes battery)	H x W x D	5.5 x 3.6 x 3.5 inches 142 x 92 x 89 mm	5.5 x 3.6 x 3.5 inches 142 x 92 x 89 mm	6.3 x 4.7 x 3.5 inches 160 x 119 x 89 mm
	Weight	1.4 lbs 0.63 kg	1.4 lbs 0.63 kg	1.54 lbs 0.7 kg
3.125" OD Dimensions (includes battery)	H x W x D	6.8 x 3.6 x 4 inches 172 x 92 x 102 mm	6.8 x 3.6 x 4 inches 172 x 92 x 102 mm	7.5 x 4.7 x 4 inches 190 x 119 x 102 mm
	Weight	1.525 lbs .69 kg	1.525 lbs .69 kg	1.76 lbs 0.8 kg
Standard Accessories		Windows® drivers, Quick Start Guide, label design software, printer configuration software, programmer's guide, belt clip, cable strain relief		
Optional Acc.	Wall Charger	8-12 hr full charge	8-12 hr full charge	NA
	Fast Charger	1.5 hr full charge	1.5 hr full charge	2 hr full charge
	Quadrapack 4-bay Charger	1.5 hr full charge	1.5 hr full charge	2 hr full charge
	Special Models/Upgrades	Real time clock, linerless, peeler (standard with plus models)		
	Carrying Accessories	Rugged carrying case, shoulder strap, belt clip		
	Cables	Check web site for communication cables		
	Additional Languages	Kanji character set		
Service	Annual service contracts			

Features and Benefits



2 Media Capacities

For lightest weight, choose the 2" OD (outside Diameter) option, comparable to other printers on the market. To spend less time swapping media and more time printing labels, (at a lower cost per label), choose the largest roll in its class, 3.125" Code Ranger.

Long Battery Life

A powerful NiMH battery enables Code Ranger to print heavy-duty labels and tags up to eight hours at a time. Swap batteries less often for a lower cost of ownership and higher productivity.

Go Wireless!

Code Ranger Plus IrDA and RF Ready models eliminate the need for a cable and enhance safety and mobility. RF Ready units include 802.11 and 802.11b.

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For additional information about Cognitive products, contact the addresses below or visit our web site at www.cognitive.com

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