

| Model | | RD222XX4 | RD232XX4 |
|------------------------------------|----------------------|---|---|
| Print | Method | Direct Thermal | Direct Thermal |
| | Width (max) | 1.89" 48mm | 1.89" 48mm |
| | Length (max) | 19" 483mm at 203 dpi | 19" 483mm at 203 dpi |
| | | 76" 1220mm at 101 dpi | 76" 1220mm at 101 dpi |
| | Speed | 4 ips 101mm/sec | 4 ips 101mm/sec |
| | Resolution | Selectable 203 or 101 dpi | Selectable 203 or 101 dpi |
| Media | Width | 1" - 2.40" | 1" - 2.40" |
| | | 25.4mm - 61mm | 25.4mm - 61mm |
| | Roll Diameter | 2.0" 51mm | 3.125" 79mm |
| | Indexing | Black bar, notch and gap | Black bar, notch and gap |
| Bar Codes | Types | UPC, EAN, EAN128, Code39, Plessey, MSI/MSI1, Code16K, Code128, Codabar, MaxiCode, PDF417, 12 of 5, more | |
| | Datations | | |
| | Rotations | 0° or 90° | 0° or 90° |
| Fonts | Bitmapped | 7 sizes with up to 16 x 16 magnification, variable boldness and spacing | |
| | AGFA Fonts | Sans-serif font in 7 sizes, up to 16x1 | 6 magnification, variable spacing |
| Sca | alable Smooth Fonts | Three Ultra Font styles for smooth characters, variable size, boldness, | |
| | | italics, grayscale | |
| | Rotations | 360° in 90° increments | 360° in 90° increments |
| Graphics | Features | Able to print and store graphics | Able to print and store graphics |
| | Formats | PCX, BMP | PCX, BMP |
| Memory (STD) | SRAM | 256KB | 256KB |
| | Non-volatile | 1MB FLASH memory, up to 2MB ava | ailable |
| Command Compatibility | | Cognitive Programming Language (CPL), Cognitive Line Print (CLP) mode | |
| Battery | Туре | NiMH | NiMH |
| Battery Environme | ental | | |
| Charge Standard | | 32°F to 113°F or 0°C to 45°C | |
| | Charge Rapid | 32°F to 104°F or 0°C to 40°C | |
| | Discharge | 14°F to 149°F or -10°C to 65°C | |
| | Storage <1 year | -4°F to 95°F or -20°C to 35°C | |
| Storage <3 months Storage <1 month | | -4°F to 113°F or -20°C to 45°C | |
| | | -4°F to 131°F or -20°C to 55°C | |
| Printer Environme | | | |
| | Operating | 14°F to 122°F -10°C to 50°C | 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 | -4°F to 140°F -20°C to 60°C 10% to 95% non-condensing RH |
| Dimensions (w/ba | ttery) <i>Height</i> | 5.5" 141.82mm | 6.77" 172mm |
| | Width | 3.6" 92.1mm | 3.6" 92.1mm |
| | Depth | 3.5" 88.9mm | 4" 101.6mm |
| | Weight | 1.3lbs 0.59kg | 1.5lbs 0.68kg |
| Printhead Life | Typical | 2,000,000 inches | |



RD232XX4: Large Media Roll Capacity



Printer Configurations Standard Code Ranger 2" or 3.125" OD with 1MB memory Plus Code Ranger 2" or 3.125" OD with 2MB memory, label peeler, label presentation sensor, IrDA interface Standard Accessories Microsoft Windows 95, 98, ME, NT 4.0., 2000 CD-ROM Windows® drivers, label design software, Fontcash2000™, printer configurator Software Programmer's Guide Attachments Swivel belt clip and cable strain relief Guides Quick Start Guide Battery NiMH battery, 1100mAh **Optional Accessories** Standard Charger Trickle charger with external power supply for standard 1100mAh battery, 8-10 hours for a full charge Fast Charger Fast charger with external power supply for standard 1100mAh battery, 1-2 hours for a full charge Multi-bay Fast Charger 2-bay fast charger, smart battery, includes 2+2 mounting kit to connect multiple chargers, 1-2 hours for a full charge, available in 2002 Serial Cables RJ45 to DB9, for a complete list visit the Cognitive web site Communications IrDA capable using 1.0 Lite standard Special Models/Upgrades Real time clock, linerless, peeler Accessory Rugged carrying case, shoulder strap Additional Languages Kanji character set Annual service contracts Service Communications RS232 Serial RJ45 (see below), max 115Kb (all models) Standard RF 802.11 Symbol Spectrum 24 1Mbs, RF802.11b 11Mbs, Optional IrDA 1.0 Lite 115Kb **RJ45 Communications Port** This Code Ranger printer is equipped with one RJ45 communications port, wired as follows: 1 CTS - In 5 GND - Neutral 2 RXD - In 6 DSR - In 7 RTS - Out 3 TXD - Out 4 DTR - Out 8 5VDC 150mA max **RJ45 Printer Jack Serial Port Parameters** This Code Ranger printer is configured as DTE equipment and uses RTS/CTS hardware handshaking (default) or XON/XOFF software handshaking. The serial port supports the following parameters: 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 Speed Parity N/E/O

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

9600, N, 8, 1, DSR and DTR programmable

7/8

Data bits Stop bits

Default Parameters

