

D508/D512 Series

OKI[®]
PRINTING SOLUTIONS



Compact label printers that are easy to use and backed by a 2-Year Overnight Exchange warranty¹

D508/D512 Series: Rugged, desktop-size label printers designed for harsh environments, with replaceable printheads and interfaces.

If you're printing 100+ labels a day, OKI Printing Solutions offers an easy way to protect your investment—starting with a unique warranty.

The D508/D512 Series label printers from OKI Printing Solutions deliver high-quality output for mid- to high-volume applications. To satisfy your most demanding requirements, they feature a robust design, fast print speeds and extraordinary ease of use. In fact, they're so reliable that OKI Printing Solutions backs them with a 2-Year Overnight Exchange limited warranty.¹

The sensible solution – D508/D512 Series printers are the perfect low-cost solution for applications ranging from manufacturing to retail, healthcare facilities to banks, distribution centers to receiving departments—wherever tracking, accuracy, compliance and performance are important.

With their compact size, they integrate easily into your environment, requiring little or no training for your staff.

Designed for your convenience – To reduce downtime and simplify operation, D508/D512 Series printers are easy to load and operate. A locking lid ensures that media is loaded properly, and the high-resolution direct thermal printheads are user-replaceable. They offer superior media-handling capabilities—accommodating a 4.3-inch roll and fan-fold labels.

D508/D512 Series printers are at home with virtually all of the most popular business software operating systems. And, no matter where in your operation you need these label printers, there's an interface available: standalone or network connectivity comes through optional, user-interchangeable interfaces: serial, parallel, USB, Ethernet and wireless LAN.

The D508/D512 Series from OKI Printing Solutions: rugged and reliable mid-level desktop label printers that perform like the big guys—for a lot less money.

Highlights:

- Durable performance in a compact form
- 2-Year Overnight Exchange limited warranty¹
- Output at up to 6 ips (100 mm/sec)²
- Excellent print quality at up to 305 dpi (12 dot/mm)³
- Externally visible error codes (LEDs)
- Ease of use and operation: user-replaceable printheads and interfaces
- Robust design and color scheme ideal for harsh environments
- PCL[®] 5e emulation
- Powerful 32-bit RISC processor
- Direct thermal printing



¹ Available on Compact Series Thermal Label Printers only.

² D508 models. Published performance results based on laboratory testing. Individual results may vary.

³ D512 models. D508 models: 203 dpi (8 dots/mm).

D508/D512 Series

| Specifications | | |
|--------------------|--------------------------|---|
| Technology | Printing Method | Direct thermal |
| | Resolution | D508 models up to 203 dpi (8 dot/mm); D512 models up to 305 dpi (12 dot/mm) |
| | Processor | 32-bit RISC CPU |
| | Other Features | Adjustable transmissive sensor for gap; Reflective sensor for black mark; Automatic, programmable setting for top of form; Label present sensor ¹ |
| Memory | Standard | 8 MB SRAM; 2 MB Flash ROM; 3 MB Receive buffer |
| Interfaces | Standard | IEEE 1284 Bi-directional high-speed Parallel; RS232 Serial; 10/100 Base-T Ethernet; Wireless LAN |
| Compatibility | Operating Systems | Windows® Vista®, XP, Server 2003, 2000 |
| Fonts and Graphics | Bitmap Fonts | 10 proportional, mono-spaced and outline fonts (Code Table 858) |
| | Scalable Fonts | Internal CG Triumvirate, CG Times; optional downloadable TrueType® fonts (8 to 72 pt.) |
| | Bar Codes | Elementary – UPC-A, UPC-E, EAN, JAN, Code 39, Code 93, Code 128, UCC/EAN128, Industrial 2/5, Interleaved 2/5, Matrix 2/5, NW-7, MSI, PostNet. 2-Dimensional – PDF417 (v2.4) and Maxicode (v3.0, Micro and Truncated) |
| | Formatting | 360° rotation (0°, 90°, 180°, 270°), Character expansion (H and V), Sequential numbering, Form overlay for high-speed editing of complex forms |
| | Graphic Support | .PCX and .BMP formats (print and store); Hex/Binary |
| Media Handling | Print Speeds | D508 models up to 6 ips (150 mm/sec); D512 models up to 4 ips (100 mm/sec) ² |
| | Media Types | Roll-fed or Fan-fold; Die-cut or continuous labels, synthetics and tag stock with or without black mark, gap or notch – face out wind |
| | Media Width (Min/Max) | 1" (25 mm) / 4.3" (110 mm) |
| | Max Roll Diameter | 4.3" (110 mm) |
| | Max Print Width | 4.1" (104 mm) |
| | Max Print Length | 15.7" (400 mm) |
| | Label Roll Core ID | 1.57" (40 mm) |
| | Min Label Length | 0.6" (15 mm) |
| | Inter-Label Gap | 0.12" (3 mm) min / 0.2" (5 mm) max |
| Environmental | Size (WxDxH) | 7.8" x 9.1" x 6.6" (198 mm x 230 mm x 167 mm) |
| | Weight | 5.5 lb. (2.5 kg) |
| | Electrical | 100V – 120V (±10%), 50 Hz – 60 Hz (±1%) |
| | Operating Temperature | 41°F to 95°F (5°C to 35°C); 30% – 80% RH, non-condensing |
| | Storage | 23°F to 113°F (-5°C to 45°C); max 20% – 90% RH, non-condensing |
| Warranties | Printer | 2-Year limited warranty with Overnight Exchange ³ |
| | Printhead | 1-Year or 600,000 inches |
| Options | Accessories ⁴ | User-replaceable interfaces (Parallel, Serial, USB, LAN, Wireless LAN ³); Label dispenser |

| Ordering Information | |
|---------------------------------|--------------|
| Description | Part Numbers |
| D508 – Parallel | 92302801 |
| D508 – Serial | 92302802 |
| D508 – USB | 92302805 |
| D508 – LAN | 92302803 |
| D508 – Wireless LAN | 92302804 |
| D512 – Parallel | 92302901 |
| D512 – Serial | 92302902 |
| D512 – USB | 92302905 |
| D512 – LAN | 92302903 |
| D512 – Wireless LAN | 92302904 |
| Options⁴ | |
| Label Cutter | 72008502 |
| IEEE 1284 Interface | 70055001 |
| USB Interface | 70055101 |
| LAN Interface | 70055201 |
| RS-232C Interface | 70055301 |
| Wireless LAN Interface | 70055001 |
| Consumables | |
| 203 dpi Printhead (D508 models) | 50141301 |
| 305 dpi Printhead (D512 models) | 50141302 |

¹ With optional label dispenser.

² Published performance results based on laboratory testing. Individual results may vary.

³ U.S. and Canada only.

⁴ Requires end user installation.

Specifications are subject to change without notice.

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For more information on Thermal Printers from OKI Printing Solutions, contact your OKI representative. Or visit our Web site: www.okiprintingsolutions.com

Please note: OKI Printing Solution printers are designed to work best with genuine OKI® replacement consumables. Use of non-OKI consumables can result in less-than-adequate output, damage to the printer, and voiding of printer warranty.

For a complete list of OKI replacement supplies and print media, please go to our Web site: www.okiprintingsolutions.com



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