



## Dell Smart Printer - S2810dn



### Efficient, reliable, easy to use and manage

Ideal for small workgroups in small and medium sized businesses, the Dell Smart Printer – S2810dn offers easy-to-use features, essential security features, automatic 2-sided printing and reliable performance – all at an affordable price and a low cost-per-page.

- Convenient 4-line LCD with 10-digit keypad for easy secure print release
- Powerful, built-in 1GB memory to handle complex files as well as enable Private/Public Mailbox Print and Proof Print
- Essential security features with 802.1X network security, SNMPv3, TLS protocols

### Comprehensive productivity features

Process and print large, complex files effortlessly and efficiently with the large 1GB<sup>1</sup> internal memory of the S2810dn and print speeds of up to 35 ppm (A4)<sup>2</sup>. The built-in memory also enables extended print capabilities, including:

- **Private/Public Mail Box Print:** Store print jobs, such as forms and templates, in the built-in memory and print them when required. Stored jobs are easily released via the printer control panel.
- **Proof Print:** A collated print job is stored in the memory, but only a single copy is released for printing. When the user is satisfied with the proof printout, the remaining copies can be released for print. This helps prevent waste from misprints in large print projects.
- **Secure Print:** With this security feature, print jobs are password protected and released using a valid user PIN, keeping sensitive documents private.

Help increase productivity and save paper costs with the duplexer that can automatically print 2-sided pages.

Print directly from compatible smartphones, tablets, and other mobile devices with the Dell Document Hub app, available on the App Store, Google Play and the Windows Store. The S2810dn also supports AirPrint<sup>3</sup> and Google Cloud Print, so you can print from virtually anywhere.<sup>4</sup>



### Essential security and simplified management

Protect your device, information and network from unauthorized access with SNMPv3 encryption, IPsec and Transport Layer Security (TLS) protocols.

The Dell OpenManage™ Printer Manager (OPPM) utility makes it easy to manage your network printers and enables the creation of printer status reports.

Streamline driver management with the Dell Open Printer Driver (OPD), designed to reduce the huge workload of driver deployment and setting changes.

### Remarkable value

This reliable, affordably priced printer includes a high 3,000 page<sup>6</sup> yield toner cartridge. For added savings and an even lower cost per page, choose the optional 6,000 page<sup>6</sup> high yield toner cartridge.

Dell's outstanding printer warranty includes the fuser maintenance kit in the standard and extended Limited Hardware Warranty.

### Outstanding support

Contact technical support for any printing issues via phone or online during your standard 1-year Limited Hardware Warranty<sup>7</sup>, and enjoy 1-year Advanced Exchange<sup>8</sup> after Remote Diagnosis Service<sup>9</sup>.

Stay covered longer when you choose optional 2-, 3-, 4-, or 5-year extended Limited Hardware Warranty<sup>10</sup>. In addition to your 1-year Limited Hardware Warranty<sup>7</sup> and a 1-Year Advanced Exchange<sup>8</sup> after Remote Diagnosis Service<sup>9</sup>, you can choose dedicated support 24/7 with Dell ProSupport™<sup>10</sup> service options.

[Learn more at Dell.com/printers](https://www.dell.com/printers)

## Dell Smart Printer - S2810dn

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|---|--|---|
| <b>Printer specifications</b>           | <b>Printer type</b>  | Single Function Mono Printer  |
|   | <b>Print speed<sup>2</sup></b>   |   |
|   | Simplex (600 x 600 dpi)  | Up to 35 ppm (A4)   |
|   | Duplex (600 x 600 dpi)   | Up to 22 ppm (A4)   |
|   | <b>First page out time<sup>2</sup></b>   | From Ready state as fast as 7 seconds<br>From Power Saver Mode as fast as 23 seconds  |
|   | <b>Print resolution</b>  | 600 x 600 dpi (Up to 1200 x 1200 dpi)   |
|   | <b>Operation panel</b>   | 4 Line LCD, 10-key numeric pad, 21 Buttons, 2 Status LEDs, Power Saver Button   |
|   | <b>Print language</b>  |   |
|   | Printer driver language  | PCL 6, PostScript™ Level 3 Emulation, XPS   |
|   | Printer data stream  | PCL 5E, PCL 6 (PCLXL 2.1), PostScript™ Level 3 Emulation, PDF v1.7  |
|   | <b>Fonts</b>   | HP PCL® 6 Emulation: 86 scalable fonts<br>PostScript™ Level 3: 89 scalable fonts  |
|   | <b>Processor speed</b>   | 525 MHz   |
|   | <b>Memory, standard</b>  | 1GB DDR3 RAM  |
|   | <b>Usage rate</b>  | <b>Duty cycle</b>   |
| <b>Recommended monthly print volume</b> |  | 500 - 3,000 pages per month   |
| <b>Mobile printing support</b>          | Dell Document Hub app (for Android, iOS and Windows 8 and later), AirPrint <sup>3</sup> , Google Cloud Print   |   |
| <b>Supported languages</b>              | English, French, German, Italian, Spanish, Danish, Norwegian, Dutch, Swedish   |   |
| <b>Paper handling</b>                   | <b>Input sources</b>   |   |
|   | Standard   | 250-sheet input tray, 100-sheet multi-purpose tray  |
|   | Maximum  | 350 sheets  |
|   | <b>Output destinations</b>   |   |
|   | Standard   | 150-sheet bin   |
|   | Maximum  | 150 sheets  |
|   | <b>Standard tray</b>   |   |
|   | Types and weights supported  | Plain paper (60 – 80 g/m <sup>2</sup> ), Thick paper (81 – 105 g/m <sup>2</sup> ), Covers (106 – 163 g/m <sup>2</sup> ), Covers Thick (164 – 216 g/m <sup>2</sup> ), Letterhead, Recycled, Preprinted, Pre-punched, Colour                            |
|   | Sizes  | A4 Short Edge Feed (SEF), B5JIS SEF, A5 SEF, B6JIS SEF, A6 SEF, US Legal SEF, Folio SEF, US Letter, SEF, Executive SEF<br>Custom paper size:<br>Width: 76.2 to 215.9 mm<br>Length: 127 to 355.6 mm  |
|   | <b>Multi-purpose tray</b>  |   |
|   | Types and weights supported  | Plain paper (60 – 80 g/m <sup>2</sup> ), Thick paper (81 – 105 g/m <sup>2</sup> ), Covers (106 – 163 g/m <sup>2</sup> ), Covers Thick (164 – 216 g/m <sup>2</sup> ), Label (Single-side label), Letterhead, Recycled, Preprinted, Pre-punched, Colour |
|   | Sizes  | A4 SEF, B5JIS SEF, A5 SEF, B6JIS SEF, A6 SEF, US Legal SEF, Folio SEF, US Letter SEF, Executive SEF, C5 SEF, Com-10 SEF, DL SEF, Monarch<br>Custom paper size:<br>Width: 76.2 to 215.9 mm<br>Length: 127 to 355.6 mm                                  |
|   | <b>Duplexer</b>  |   |
| Types and weights supported             | Plain paper (60 – 80 g/m <sup>2</sup> ), Thick paper (81 – 105 g/m <sup>2</sup> ), Covers (106 – 163 g/m <sup>2</sup> ). For 2-sided printing, use 60 – 163 g/m <sup>2</sup> plain paper |   |
| Sizes                                   | A4 SEF, B5JIS SEF, A5 SEF, Legal SEF, Folio SEF, Letter SEF, Executive SEF<br>Custom paper size:<br>Width: 139.7 to 215.9 mm<br>Length: 210 to 355.6 mm                                  |   |
| <b>Page layout options</b>              | Portrait or Landscape orientation, Multiple copies, Multi-page printing (N-p), Duplex printing, Poster (Windows only), Booklet printing (Windows only), Watermarks, Collate, Rotation    |   |
| <b>Printable area</b>                   | 207.9 mm x 347.6 mm  |   |
| <b>Connectivity</b>                     | <b>Interfaces</b>  | USB 2.0 (high speed) Client port, Ethernet port (Gigabit), Wireless port  |

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| <b>Operating systems</b>       | <b>Windows</b>   | Microsoft® Windows® 8.1 32bit/64bit<br>Microsoft® Windows® 8 32bit/64bit<br>Microsoft® Windows® 8 RT<br>Microsoft® Windows® 7 32bit/64bit<br>Windows Vista® 32bit/64bit<br>Windows Server 2012 R2<br>Windows Server 2008 R1 and R2<br>Windows 2003 Server<br>Windows Cluster Server Environment |
|                                | <b>Macintosh</b>   | Apple Mac OS®: 10.6 ~ 10.10 (Intel 32bit/64bit)   |
|                                | <b>Others</b>  | SUSE Linux Enterprise Desktop 11.3 (x86,x64)<br>Red Hat Linux Enterprise Desktop 6.4 (Desktop) (x86,x64)<br>Ubuntu 12.04 LTS  |
|                                | <b>Transport</b>   | IPv4, IPv6, TCP, UDP, IPSEC w/ IPv4, IPSEC w/ IPv6, ICMP / IGMP, 802.1x (Wired) :EAP-MD5,EAP-MS-CHAP-V2,EAP-PEAPv0/v1   |
| <b>Network protocols</b>       | <b>Print</b>   | Port 9100, LPD/LPR, FTP, SMB, IPP 2.0, Google Cloud Print 2.0, AirPrint 1.4, WSD, IPP over TLS  |
|                                | <b>Management and device discovery</b>                               | HTTP, HTTPS, TLS 1.2, SNMP (v1 / v2 / v3), MIBv2 (RFC1213 compliant), BOOTP, DHCP, RARP, Auto IP, WINS, DNS, Bonjour(mDNS), Telnet  |
|                                | <b>Wireless certification</b><br>(for optional wireless dongle only) | WiFi (b/g/n), WPA 2.0 (Personal), WPS 2.0, WiFi Direct  |
|                                | <b>Print job management</b>  | Secure Print with 4 Digit Pin<br>Virtual Mail Box<br>Print Job disable/enable scheduling  |
| <b>Security</b>                | <b>Network transport &amp; authentication</b>                        | HTTPS<br>Ipsec(IKE V1)<br>IPP Over TLS<br>SNMP V3   |
|                                | <b>Data encryption</b>   | IPsec(IKE)/Pre-Shared Key<br>802.1x Wired Security  |
|                                | <b>Access control management</b>                                     | Embedded Web Server access control for network port, protocol, printer settings & reports<br>Operator panel access  |
|                                | <b>Physical security</b>   | Kensington lock slot for printer, primary input tray and accessories  |
|                                | <b>Printer dimensions</b><br>(W x D x H)                             | 410 mm x 438 mm x 273 mm  |
| <b>Physical specifications</b> | <b>Printer weight</b>  | 12.3 kg (with consumables)  |
|                                | <b>Shipping dimensions</b><br>(W x D x H)                            | 528 mm x 545 mm x 414 mm  |
|                                | <b>Shipping weight</b>   | 14.6 kg   |
|                                | <b>Operating environment</b>   | Temperature: 10°C to 32°C<br>Relative Humidity: 15% to 85% RH, non-condensing<br>Altitude: ≤ 3,100 m  |
|                                | <b>Storage (packaged)</b>  | Temperature: 0°C to 35°C<br>Relative Humidity: 5% to 95% RH;<br>Altitude: ≤ 3,100 m   |
|                                | <b>Acoustics (Pressure - LpAm / Power - LwAd)<sup>11</sup></b>       | Printing - 53.4 dB / 6.9 B; Standby - 24.7 dB / 4.1 B   |
|                                | <b>Voltage</b>   | 220 to 240 vac ± 10 %, 50 ± 3 Hz / 60 ± 3 Hz nominal  |
| <b>Power specifications</b>    | <b>Power consumption</b>   | Printing Mode: 560W<br>Standby Mode : 45W<br>Power Saver mode (Sleep) : 7W<br>Power Saver mode (Deep Sleep) : 1.2W  |
|                                | <b>Average power consumption</b>                                     | 220V: 2.6A  |
|                                | <b>Ship-with toner capacity<sup>6</sup></b>                          | Up to 3,000 pages (Black)   |
| <b>Consumables</b>             | <b>Standard toner capacity<sup>6</sup></b>                           | Up to 3,000 pages (Black)   |
|                                | <b>High yield toner capacity<sup>6</sup></b>                         | Up to 6,000 pages (Black)   |
|                                | <b>Imaging drum</b>  | Up to 85,000 pages  |
|                                | <b>Maintenance kit</b>   | Up to 100,000 pages (includes transfer roller and pickup roller)  |
|                                | <b>Safety:</b>   | IEC/EN60950-1:2005 2nd edition (International); EN60950-1:2006 2nd edition; IEC60825-1 (Laser); SEMKO; CE Mark (EU); cTUVus; FDA/DHHS (21CFR, Chapter 1, Subchapter J)  |
| <b>Product certifications</b>  | <b>EMC:</b>  | CE mark (EN55022:2006 +A1:2007 Class B; EN61000-3-2:2006; EN61000-3-1:1995+A1:2001+A2:2005; EN55024:1998+A1:2001+A2:2003); FCC CFR Title 47, Part 15 Class B (USA); ICES-003, Issue 4 (Canada)  |
|                                | <b>Others:</b>   | ROHS Compliant <sup>12</sup> , WEEE, GS Mark (Germany), ErP Lot 6, Lot 26 Tier 1, Tier 2  |

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| <b>Supported languages</b> | English, French, German, Italian, Spanish, Danish, Norwegian, Dutch, Swedish   |
| <b>Printer management</b>  | Dell Printer Configuration Web Tool, Standard Printer MIB, Dell Toner Management System, Dell Open Print Driver (OPD), Dell OpenManage Printer Manager v2 (OMPM), Status Monitor Console (Windows only), Auto Firmware updater |
| <b>Contents in box</b>     | Dell Smart Printer - S2810dn, Software and Documentation CD (Printer Driver & Dell Supplies Management Software), Dell S2810dn Ship-With Black Cartridge (3,000 pages yield), Power Cord, LAN Cable, Setup Guide               |

### Available consumables & accessory



S2810 series High Yield Black Toner Cartridge, 6,000 page yield



S2810 series Standard Yield Black Toner Cartridge, 3,000 page yield



S2810 series Imaging Drum, 85,000-page



S2810 series Maintenance Kit (Fuser shown only. Includes transfer roller and pickup roller)



Optional External Wireless Adaptor

- 1 GB internal RAM memory.
- Based on Dell internal testing. Actual print speeds will vary with use.
- AirPrint-enabled printers work with iPad, iPhone (3GS or later), and iPod touch (3rd generation or later) running iOS 4.2 or later.
- The printer and the mobile device must be connected on the same network.
- Duty cycle is defined as the maximum number of imaged outputs a device could deliver in a month. This number can be used to compare potential workload capabilities of different Dell printers and multifunction printers.
- Toner yield based on testing in accordance with ISO/IEC 19752. Yields vary with usage and environmental conditions.
- For a copy of Limited Hardware Warranty, write Dell Products, Dell House, The Boulevard, Cain Road, Bracknell, Berkshire, RG12 1LF, UK or see [dell.com/warranty](http://dell.com/warranty). For warranty information for other countries, see website: [dell.com/servicecontracts](http://dell.com/servicecontracts) and then select the country.
- Replacement system or replacement part will be dispatched, if necessary, following phone-based troubleshooting, in advance of receipt of returned defective part or system. Replacements may be refurbished. Defective unit must be returned. Availability varies. Other conditions apply.
- Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of unit and multiple or extended sessions. If issue is covered by Limited Hardware Warranty and not resolved remotely, technician and/or part will be dispatched, usually within 1 business day following completion of Remote Diagnosis. Availability varies. Other conditions apply.
- Availability and terms of Dell Services vary by region. For more information, visit [Dell.com/servicecontracts/global](http://Dell.com/servicecontracts/global). Subject to parts availability, geographical restrictions and terms of service contract. Service timing dependent upon time of day call placed to Dell. Defective unit must be returned.
- Tested in accordance with ISO 7779 and reported in accordance with ISO 9296. Acoustics - Declared noise emission values of computer and business equipment.
- Meets the requirements of the EU RoHS Directive 2011/65/EU on the Restriction of the use of certain Hazardous Substances (RoHS).

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