

For the hospitals of tomorrow.



WS2-2

An all-in-one hygienic 2-inch compact printer designed for patient safety



satoeurope.com

WS2-2



Print wristbands and inpatient labels with one device

The WS2 is a hygienic, compact direct thermal desktop printer from SATO ideal for various healthcare scenarios. Suitable for direct use in the hospital ward due to its disinfectant-ready, antimicrobial plastic casing, the WS2 prints both patient ID wristbands and inpatient labels quickly and accurately for optimum patient safety and operator peace of mind.

The WS2 is also offered bundled with SATO patient ID wristbands as part of a competitive package, making the need to hand write labels a thing of the past.

✓ KEY FEATURES & BENEFITS

- Best in Class Patient Safety: Disinfectant-ready, antimicrobial casing (industry-first feature)
- **Print on Demand** High-quality patient ID wristbands and inpatient/laboratory labels. Compact, lightweight design for ease of transportation
- **Save Time** Hassle-free media loading, enhanced printer setting tools and web browser for ease of operation. Faster than market average print speed, up to 7-inch/sec
- Integrate Easily Cerner accredited and ready for connection to all existing HIS/EMR systems through the standard USB and Ethernet interfaces
- Reduced Carbon Footprint Less consumable wastage compared to equivalent models on the market
- Eradicate Errors Draw information from existing patient management systems

Patient safety is our priority

The compact size and light weight of the WS2 makes it easy to transport, giving operators the flexibility to print from desks and patient bedsides as required. SATO understands that space is at a premium in the hospital environment and the 2-inch WS2 has been specifically designed with this in mind. The device is up to 23% smaller than equivalent competitor models. In addition, the pure white body of the device and disinfectant ready, antimicrobial plastic casing enables hospital staff to keep the device clean and limit the contamination risk. A key frustration for hospital staff is when multiple devices are required to print wristbands and labels. Over 50% of our customers say that they would prefer an easy to use, compact device that can support both wristband and inpatient label requirements.







Making the switch is simple

The SATO WS2 printer is easily integrated in to existing HIS/EMR hospital systems and is validated by Cerner for use in its systems. Users can control and configure the device with its dedicated setting tool, as well as via web browser.

The user-friendly features of the setting tool include a printer search, to find all connected printers for quick access and configuration, and multi LAN to simultaneously configure a range of printers on the network. The device is also compatible with the legacy WINS to connect to a remote network by using its NetBIOS name. Once set up, the WS2 is extremely simple to operate, even for the first-time user.

Although the WS2 is optimised to work with SATO wristbands for the highest-quality print, it is also compatible with most comparable wristband and label consumables currently available on the market. So, there's no need to worry about using your existing consumables supply before switching to SATO wristbands and labels.

WS2-2 - the smart choice for sustainability

Media changeovers in wristband and label printers – for example, from adult to infant ID wristbands – can typically result in wasted media during calibration. This is not the case with the WS2, which is ready to print from the first label every time. The advantages of this are twofold, saving time and effort for hospital employees and reducing waste and overall carbon footprint for the hospital.

KEY FIGURES

- 23% smaller than equivalent models on the market
- Faster than average 7-inch/sec print speed
- Lightweight at only 1kg
- High-quality 203dpi & 300dpi print resolutions available



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Technical tools

- USB/LAN connectivity as standard (IPv4/v6)
- Wireless LAN option
 Multiple printer utility setup
 - Legacy Netbios/WINS compatibility
 - Multiple emulation support (SZPL, SEPL and SDPL)
- Compatible with NiceLabel and Bartender label designer software
 - Enhanced settings tool Web browser settings
 - Easy firmware update by USB key





Optional Accessories



Cutter Kit Supports all types of 2-inch labels



Dispenser Supports all types of 2-inch labels



WLAN Kit WLAN:IEEE802.11 b/g/n



WS2-2 Technical Specification

Print: Method Direct Thermal 300 dpi (12 dots/mm) Resolution 203 dpi (8 dots/mm) 300 dpi (12 dots/mm) Media Alignment Centered Media Alignment Centered Media Alignment Centered Media Alignment Centered Sensor Sift (1270 mm) -> 300dpi, Min length 0.4" (10mm) s'(1277 mm) OD on a 1"/1.5" (25,438 mm) ID core Min. length: 25mm for cutter options Operation Mode Operation a 0.5" (12.7mm) ID core Min. length: 25mm for cutter options Sensor Reflective Sensor (Movable) Systimatic Cutter mode, Peeler mode Operation Interface 2,3,4,5,6,7 inthes/sec (80,76,101,127,152,177 mm/sec) 2,3,4,5,6,7 inthes/sec (80,76,101,127,152,177 mm/sec) 2,3,4,5,8,7 inthes/sec (80,76,101,127,152,177 mm/sec) 2,3,4,5,8,7 inthes/sec (80,76,010,127 mm/sec) 2,3,4,5,8,7 inthes/sec (80,76,010,127,152,177 mm/sec) 2,3,4,5,8,7 inter/sec (80,76,010,127,152,177 mm/sec) 2,3,4,5,8,7 inter/sec (80,76,000,000,000,000,000,000,000,000,000	Model	W5208-2	WS212-2
Media Alignment Centered Media Max. width: 60mm, Min. width: 12mm Max length 10° (2540mm) ~> 203dpi, Max length 5° (1270 mm) ~> 300dpi, Min length 0.4° (10mm) 5° (1270 mm) Do n a 0.5° (127mm) ID core A5° (137mm) DD on a 0.5° (127mm) ID core Transmissive sensor Head Open Switch Operation Interface 2 LEDs indicators Multicolor, Button x 1 Operation Interface 2 LEDs indicators Multicolor, Button x 1 Size W 116 mm x H 170 mm x D 215 mm Weight 1 kg / 2.2 lbs Standard Bitmap Bitmap support fonts of SZPL, SEPL, SDPL Linear Barcode Ceda 39, Code 128 (ISBT 128), CODABAR (NW-7), EAN8/13, GS1 DataBar ¹⁴ , GS1-128 (UCC/ EAN128), Interleaved 2/3, Industrial 2/3, JAN8/13, Matrix 2/5, MSI, POSTNET ¹⁶ , UPC-A/E D Barcode DPFA17, Micro PDF, Maxi Code, GS1 Data Matrix, IECC200, GC code, Composite Symbologi s, Atec On-Board Memory Standard Memory (ISBA ROM); 120 MB Standard Memory (ISBA ROM); 120 MB Sta	Print Method	Direct Thermal	
MediaMax. width: 60mm, Min. width: 12mm Max length 100° (2840mm) >> 203dpi, Max length 50° (1270 mm) -> 300dpi, Min length 0.4° (10mm) Si (127mm) Do on a 0.5° (127mm) ID core A5° (131mm) OD on a 0.5° (131mm) OD on a 0.5° (131mm)Operation Interface21 EDs indicators Multicolor, Button x 1Print Speed2, 3, 4, 5, 6, 7 indhes/sec (50, 76, 101, 127 mm/sec) 2, 8 3pis for peel off modeSizeW 116 mm x H 170 mm x D 215 mmWeight1 kg / 2, 2 lbsStandard BitmapBitmap support forts of SZPL, SEPL, SDPLLinear BarcodeBitmap support forts of SZPL, SEPL, SDPLLinear BarcodeDPA17, Micro PDF, Maxi Code, SI Data Matrix, JES, MSI, POSTNET", UPC-A/ED BarcodeUB bots (Type A) For Firmware Update, USB device (Type B) Frat Ethernet supporting; (IPA-4/PK, WINS/Net bics)Print faceSitandard Memory (ISBA ROW): 10 MB Standard M	Resolution	203 dpi (8 dots/mm)	300 dpi (12 dots/mm)
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Operation Mode Optional: Cutter mode, Peeler mode Sensor Reflective Sensor (Movable) Transmissive sensor Head Open Switch Operation Interface 2 LEDs Indicators Multicolor, Button x 1 Print Speed 2, 3, 4, 5, 6, 7 inches/sec (S0, 76, 101, 127, 152, 177 mm/sec) 2, 8, 3ips for peel off mode 2, 3, 4, 5 inches/sec (S0, 76, 101, 127 mm/sec) 2, 8, 3ips for peel off mode Size W 116 mm x H 170 mm x D 215 mm 2, 8, 4, 5 inches/sec (S0, 76, 101, 127, 152, 177 mm/sec) 2, 8, 3ips for peel off mode Size W 116 mm x H 170 mm x D 215 mm Code 39, Code 93, Code 93, Code 128 (ISB1128), CDABAR (NW-7), EAN8/13, GS1 DataBar ^{im} , GS1-128 (UCC/ EAN128), Interleaved 25, Industrial 25, SAN8/13, Matrix 2/5, MSI, POSTNET™, UPC-A/E Standard Bitmap Bitmap support fonts of SZPL, SEPL, SDPL Sec Gode 39, Code 93, Code 93, Code 32, ISB128), CDABAR (NW-7), EAN8/13, GS1 DataBar ^{im} , GS1-128 (UCC/ EAN128), Interleaved 25, Industrial 2/5, SAN8/13, Matrix 2/5, MSI, POSTNET™, UPC-A/E ZD Barcode PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, Data Matrix (ECC200), QR Code, Composite Symbologies, Attec VLAN (IEEEB02111 br/g/n, Optional) Verta Wantry, EASE 39, Satter 20, Satter 2	Media	Max length 100" (2540mm)> 203dpi, Max length 50" (1270 mm)> 300dpi, Min length 0.4" (10mm) 5"(127mm) OD on a 1"/1.5" (25.4/38 mm) ID core 4.5"(115mm) OD on a 0.5" (12.7mm) ID core	
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Software – Utility Printer Tool	Humidity		
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Agency Listing CB, CE, Wireless IEEE	Software – Utility	Printer Tool	
	Agency Listing	CB, CE, Wireless IEEE	

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For more information, please contact your local SATO office, or visit:

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