For the hospitals of tomorrow.



WS2

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

Patient Safety

Cerner VALIDATED

satoeurope.com

WS2 Technical Specification

Model	WS208	WS212
Print Method	Direct Thermal	
Resolution	203 dpi (8 dots/mm)	300 dpi (12 dots/mm)
Media Alignment	Centered	
Media	Max. width: 60mm, Min. width: 12mm 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 Min. length: 25mm for cutter options	
Operation Mode	Standard: Continuous mode, Tear-off 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 (50, 76, 101, 127, 152, 177 mm/sec) 2 & 3ips for peel off mode	2, 3, 4, 5 inches/sec (50, 76, 101, 127 mm/sec) 2 & 3ips for peel off mode
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	Code 39, Code 93, Code 128 (ISBT128), CODABAR (NW-7), EAN8/13, GS1 DataBar™, GS1-128 (UCC/EAN128), Interleaved 2/5, Industrial 2/5, JAN8/13, Matrix 2/5, MSI, POSTNET™, UPC-A/E	
2D Barcode	PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, Data Matrix (ECC200), QR Code, Composite Symbologies, Aztec	
Interface	USB hosts (Type A) For Firmware Update, USB device (Type B) Fast Ethernet supporting: (IPv4/IPv6, WINS/Netbios) WLAN (IEEE802.11 b/g/n, Optional)	
Programming Language	SZPL, SEPL, SDPL	
Accessories	Peeler, Full Cutter, WLAN	
On-Board Memory	Standard Memory (Flash ROM): 16 MB User Memory: 8 MB Standard Memory (SDRAM): 32 MB USB storage up to 32 GB (FAT32 format only)	
CPU Type	32 bit RISC microprocessor	
Power Supply	Voltage: AC 100 V ~ 240 V ± 10 % (full range) Frequency: 50 Hz - 60 Hz ± 5 %	
Temperature	Operating: 41°F~104°F (5 °C ~ 40 °C) Storage: -4°F~140°F (-20 °C ~ 60 °C)	
Humidity	Operating: 25 %RH ~ 85 %RH (non-condensing) Storage: 10 %RH ~ 90 %RH (non-condensing)	
Software – Label editing	Windows Driver (Windows Vista/ Win 7/ Win 8/ Win 10), BarTender® from Seagull Scientific, Nice Label	
Software – Utility	Printer Tool	
Agency Listing	CB, CE, Wireless IEEE	

Version: August 2018. Rev B, Specification subject to change without notice.