



# a Better Solution for your Business™

BIXOLON's advanced portfolio of POS Receipt, Label, and Mobile printers' advanced technologies provide a wide array of innovative solutions for a range of industries as retail, hospitality, healthcare, banking, post/parcel, and warehousing. BIXOLON's intuitive thermal, impact and inkjet printers' intuitive POS software offers extensive customization capabilities. A leader in the global specialty printer market, BIXOLON formed as a mini printer division of Samsung in the 1990's, and spun off in 2002 to form its own entity.

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### Retail

Modern retail environments are fiercely competitive

- Point-of-sale receipting
- Coupon printing
- Queue busting
- Mobile receipting
- Shelf edge labeling
- Price markdown
- Returns labeling
- Custom product labeling
- Proof of delivery



### Utilities & Meter Readings

Mobile data collection reduces billing discrepancies

- Meter invoicing
- Mobile meter reading
- Point-of-sale receipting
- Mobile receipting



### Transport Ticketing

On the spot ticket issuing

- Parking penalty tickets
- Transport ticketing
- Baggage labeling
- Mobile ticketing
- Mobile receipting



### Hospitality & Leisure

Reducing transaction time is invaluable to any business in today's hospitality environments

- Point-of-sale receipting
- Coupon printing
- Kitchen printing
- Bar receipt printing
- Queue busting
- Mobile receipting
- Ticketing
- Food labeling



### Warehouse & Storage Handling

Quick and accurate labeling is essential in any warehouse and storage handling environment

- Pallet labeling
- RFID labeling and tagging
- Shipment labeling
- Parcel labeling
- Parcel delivery / receipts
- Goods tracking



### Post & Parcel

BIXOLON has extensive experience of working within the post & parcel sector through the worldwide

- Stamp printing
- Parcel labeling
- Proof of delivery / receipts
- Transaction receipting



### Healthcare & Pharmacy

Bar code technology in healthcare vastly increases patient safety, improving productivity, efficiency and accuracy of information

- Patient wristband printing and tracking
- Electronic patient records on portable tablet PCs
- Document, records and case note tracking
- Drug dispensing and labeling
- Sample labeling
- Point-of-sale receipting
- Point-of-care labeling
- RFID labeling and tagging



# PORTFOLIO

## MOBILE PRINTERS



SPP-R400



SPP-R300



SPP-R310



SPP-R200III / R200II



SPP-R210

## LABEL PRINTERS



SLP-TX400



SLP-T400



SLP-TX420



SLP-DX420



SLP-DX220



SRP-770II

## POS PRINTERS mPOS HARDWARE SOLUTION PERIPHERALS



SRP-F310II



SRP-380



SRP-350plusIII



SRP-350III



SRP-330



STP-103III



SRP-275III



SRP-270



SRP-500



B-gate



BCD-1000 / 1100

# MOBILE PRINTERS



	SPP-R400	SPP-R300	SPP-R310	SPP-R200III	SPP-R200II	SPP-R210
<b>Print Characteristics</b>						
<b>Print Method</b>	Direct Thermal	Direct Thermal	Direct Thermal	Direct Thermal	Direct Thermal	Direct Thermal
<b>Print Speed</b>	Up to 80 mm/sec (Receipt) Up to 50 mm/sec (Linerless) 12.5% pattern	Up to 100 mm/sec (Receipt) Up to 80 mm/sec (Linerless) 12.5% pattern	Up to 100 mm/sec (Receipt) Up to 80 mm/sec (Linerless) 12.5% pattern	Up to 100 mm/sec (Receipt) Up to 80 mm/sec (Linerless) 12.5% pattern	Up to 90 mm/sec (Receipt) Up to 80 mm/sec (Linerless) 12.5% pattern	Up to 90 mm/sec (Receipt) Up to 60 mm/sec (Linerless) 12.5% pattern
<b>Print Resolution</b>	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi
<b>Print Width</b>	Up to 104 mm	Up to 72 mm	Up to 72 mm	Up to 48 mm	Up to 48 mm	Up to 48 mm
<b>Sensor</b>	Paper End: Reflective sensor Paper Cover Open: Mechanical switch	Paper End: Reflective sensor Paper Cover Open: Mechanical switch	Paper End: Reflective sensor Paper Cover Open: Mechanical switch	Paper End: Reflective sensor Paper Cover Open: Mechanical switch	Paper End: Reflective sensor Paper Cover Open: Mechanical switch	Paper End: Reflective sensor Paper Cover Open: Two mechanical switches
<b>Media Characteristics</b>						
<b>Media Type</b>	Receipt and Label, Linerless (optional)	Receipt and Label, Linerless (optional)	Receipt and Label, Linerless (optional)	Receipt and Label, Linerless (optional)	Receipt and Label, Linerless (optional)	Receipt, Linerless (optional)
<b>Media Width</b>	112 mm / 105 mm (optional)	80 mm	80 mm	58 mm / 50 mm (optional)	58 mm / 50 mm (optional)	58 mm
<b>Media Roll Diameter</b>	Up to 57 mm	Up to 50 mm	Up to 50 mm	Up to 40 mm	Up to 40 mm	Up to 30 mm
<b>Media Thickness</b>	0.07 ± 0.005 mm	0.07 ± 0.005 mm	0.07 ± 0.005 mm	0.07 ± 0.005 mm	0.07 ± 0.005 mm	0.07 ± 0.005 mm
<b>Supply Method</b>	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading
<b>Physical Characteristics</b>						
<b>Dimensions (W x L x H)</b>	147.0 x 171.4 x 66.7 mm (5.79 x 6.75 x 2.63 inch)	110.0 x 162.0 x 58.3 mm (4.33 x 6.38 x 2.30 inch)	105.0 x 126.0 x 58.0 mm (4.14 x 4.97 x 2.29 inch)	79.5 x 126.7 x 43.6 mm (3.13 x 4.99 x 1.72 inch)	79.5 x 126.7 x 43.6 mm (3.13 x 4.99 x 1.72 inch)	79.0 x 116.0 x 36.5 mm (3.11 x 4.57 x 1.44 inch)
<b>Weight</b>	Including battery: 697 g (1.54 lbs.) Including MSR: 712 g (1.57 lbs.) Paper: 242 g (0.53 lbs.)	Including battery: 550 g (1.21 lbs.) Including MSR: 565 g (1.25 lbs.) Paper: 133 g (0.29 lbs.)	Including battery: 385 g (0.85 lbs.) Including MSR: 405 g (0.9 lbs.) Paper: 133 g (0.29 lbs.)	Including battery: 228 g (0.50 lbs.) Including MSR: 238 g (0.52 lbs.) Paper: 57 g (0.13 lbs.)	Including battery: 226 g (0.50 lbs.) Including MSR: 236 g (0.52 lbs.) Paper: 57 g (0.13 lbs.)	Including MSR+battery: 232 g (0.51 lbs.) Paper: 34 g (0.07 lbs.)
<b>Battery</b>	7.4 V Li-ion, 2,600 mAh, Rechargeable Charging time: Up to 4.0 hrs	7.4 V Li-ion, 2,600 mAh, Rechargeable Charging time: Up to 4.0 hrs	7.4 V Li-ion, 2,600 mAh, Rechargeable Charging time: Up to 4.0 hrs	7.4 V Li-ion, 1,200 mAh, Rechargeable Charging time: Up to 2.5 hrs	7.4 V Li-ion, 1,200 mAh, Rechargeable Charging time: Up to 2.5 hrs	7.4 V Li-ion, 1,200 mAh, Rechargeable Charging time: Up to 2.5 hrs
<b>Performance Characteristics</b>						
<b>Memory</b>	64 Mbit SDRAM, 32 Mbit FlashROM	64 Mbit SDRAM, 32 Mbit FlashROM	64 Mbit SDRAM, 32 Mbit FlashROM	64 Mbit SDRAM, 32 Mbit FlashROM	64 Mbit SDRAM, 32 Mbit FlashROM	64 Mbit SDRAM, 32 Mbit FlashROM
<b>Interface Options</b>	USB V1.1 FS Serial Bluetooth V3.0+EDR WLAN 802.11b/g/n (Infrastructure, Ad-hoc, Wi-Fi Direct) - WEP40/104, WPA1/2(PSK, EAP)	USB V1.1 FS Serial Bluetooth V3.0+EDR WLAN 802.11b/g/n (Infrastructure, Ad-hoc, Wi-Fi Direct) - WEP40/104, WPA1/2(PSK, EAP)	USB V1.1 FS Serial Bluetooth V3.0+EDR WLAN 802.11b/g/n (Infrastructure, Ad-hoc, Wi-Fi Direct) - WEP40/104, WPA1/2(PSK, EAP)	USB V2.0 FS Serial Bluetooth V3.0+EDR WLAN 802.11b/g/n (Infrastructure, Ad-hoc, Wi-Fi Direct) - WEP40/104, WPA1/2(PSK, EAP)	USB V1.1 FS Serial Bluetooth V3.0+EDR WLAN 802.11b/g/n (Infrastructure, Ad-hoc, Wi-Fi Direct) - WEP40/104, WPA1/2(PSK, EAP)	USB V2.0 FS Bluetooth V3.0+EDR WLAN 802.11b/g/n (Infrastructure, Ad-hoc, Wi-Fi Direct) - WEP40/104, WPA1/2(PSK, EAP)
<b>Environment Characteristics</b>						
<b>Temperature</b>	Operating: -15 ~ 50°C (5 ~ 122°F) Storage: -30 ~ 70°C (-22 ~ 158°F)	Operating: -15 ~ 50°C (5 ~ 122°F) Storage: -30 ~ 70°C (-22 ~ 158°F)	Operating: -15 ~ 50°C (5 ~ 122°F) Storage: -30 ~ 70°C (-22 ~ 158°F)	Operating: -15 ~ 50°C (5 ~ 122°F) Storage: -30 ~ 70°C (-22 ~ 158°F)	Operating: -15 ~ 50°C (5 ~ 122°F) Storage: -30 ~ 70°C (-22 ~ 158°F)	Operating: -15 ~ 50°C (5 ~ 122°F) Storage: -30 ~ 70°C (-22 ~ 158°F)
<b>Humidity</b>	Operating: 10 ~ 80% RH	Operating: 10 ~ 80% RH	Operating: 10 ~ 80% RH	Operating: 10 ~ 80% RH	Operating: 10 ~ 80% RH	Operating: 10 ~ 80% RH
<b>Sealing</b>	IP54 (with protective case)	IP54 (with protective case)	IP43 (IP54 with protective case)	IP43 (IP54 with protective case)	IP54 (with protective case)	IP54 (with protective case)
<b>Drop Rate</b>	1.5 m (5 ft.)	1.5 m (5 ft.)	1.8 m (6 ft.) / 1.2 m (4 ft.) for MSR model	2.1 m (7 ft.) / 1.5 m (5 ft.) for MSR model	1.5 m (5 ft.)	1.2 m (4 ft.)
<b>Software</b>						
<b>Emulation</b>	BXL / POS	BXL / POS	BXL / POS	BXL / POS	BXL / POS	BXL / POS
<b>Driver</b>	Windows Driver, OPOS Driver, JPOS Driver, Linux CUPS Driver	Windows Driver, OPOS Driver, JPOS Driver, Linux CUPS Driver	Windows Driver, OPOS Driver, JPOS Driver, Linux CUPS Driver	Windows Driver, OPOS Driver, JPOS Driver, Linux CUPS Driver	Windows Driver, OPOS Driver, JPOS Driver, Linux CUPS Driver	Windows Driver, OPOS Driver, JPOS Driver, Linux CUPS Driver
<b>SDK</b>	iOS SDK, Android SDK, Windows SDK, Symbian SDK	iOS SDK, Android SDK, Windows SDK, Symbian SDK	iOS SDK, Android SDK, Windows SDK	iOS SDK, Android SDK, Windows SDK	iOS SDK, Android SDK, Windows SDK, Symbian SDK	iOS SDK, Android SDK, Windows SDK
<b>Fonts / Graphics / Symbolologies</b>						
<b>Character Size</b>	Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24 KOR, CHN: 24 x 24	Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24 KOR, CHN: 24 x 24	Font A: 12x24 Font B: 9x17 Font C: 9x24 KOR, CHN: 24x24	Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24 KOR, CHN, JPN: 24 x 24	Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24 KOR, CHN: 24 x 24	Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24
<b>Characters Per Line</b>	Font A: 69 Font B, C: 92 KOR, CHN: 34	Font A: 48 Font B, C: 64 KOR, CHN: 24	Font A: 48 Font B, C: 64 KOR, CHN: 24	Font A: 32 Font B, C: 42 KOR, CHN, JPN: 16	Font A: 32 Font B, C: 42 KOR, CHN: 16	Font A: 32 Font B, C: 42
<b>Character Sets</b>	Alphanumeric: 95 Expanded Graphics: 128 x 33 page International: 32	Alphanumeric: 95 Expanded Graphics: 128 x 33 page International: 32	Alphanumeric: 95 Expanded Graphics: 128x33 page International: 32	Alphanumeric: 95 Expanded Graphics: 128 x 33 page International: 32	Alphanumeric: 95 Expanded Graphics: 128 x 33 page International: 32	Alphanumeric: 95 Expanded Graphics: 128 x 33 page International: 32
<b>Graphics</b>	Supporting user-defined fonts, graphics, formats, layouts, and logos	Supporting user-defined fonts, graphics, formats, layouts, and logos	Supporting user-defined fonts, graphics, formats, layouts, and logos	Supporting user-defined fonts, graphics, formats, layouts, and logos	Supporting user-defined fonts, graphics, formats, layouts, and logos	Supporting user-defined fonts, graphics, formats, layouts, and logos
<b>Barcode</b>	1D: Codabar, Code 39, Code 93, Code 128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: Data Matrix, MaxiCode, PDF417, QR code	1D: Codabar, Code 39, Code 93, Code 128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: Data Matrix, MaxiCode, PDF417, QR code	1D: Codabar, Code 39, Code 93, Code 128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: Data Matrix, MaxiCode, PDF417, QR code	1D: Codabar, Code 39, Code 93, Code 128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: Aztec, Data Matrix, GS1 Databar, MaxiCode, PDF417, QR code	1D: Codabar, Code 39, Code 93, Code 128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: Aztec, Data Matrix, MaxiCode, PDF417, QR code	1D: Codabar, Code 39, Code 93, Code 128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: Aztec, Data Matrix, MaxiCode, PDF417, QR code
<b>Accessories</b>						
<b>Standard</b>	Belt Strap, Battery Pack, Battery Charger, Power Cord, Paper	Belt Strap, Battery Pack, Battery Charger, Power Cord, Paper	Belt Strap, Battery Pack, Battery Charger, Power Cord, Paper	Belt Clip, Battery Pack, Battery Charger, Power Cord, Paper	Belt Strap, Battery Pack, Battery Charger, Power Cord, Paper	Belt Clip, Battery Pack, Battery Charger, Power Cord, Paper
<b>Optional</b>	Shoulder Strap, Single Battery Cradle, Quad Battery Charger, Vehicle Charger, Serial/USB Cable, Cleaning Pen	Case, Protective Case, Shoulder Strap, Single Battery Cradle, Quad Battery Charger, Vehicle Charger, Serial/USB Cable, Cleaning Pen	Case, Protective Case, Shoulder Strap, Single Battery Cradle, Quad Battery Charger, Vehicle Charger, Serial/USB Cable, Cleaning Pen	Belt Strap, Case, Protective Case, Shoulder Strap, Battery Pack_V2 (with outer contacts), Single Battery Cradle, Single Docking Cradle, Quad Battery Charger, Quad Docking Cradle, Cigarette Lighter Charger, Vehicle Holder, Serial/USB Cable, Cleaning Pen	Belt Clip, Case, Protective Case, Shoulder Strap, Battery Pack_V2 (with outer contacts), Single Battery Cradle, Single Docking Cradle, Quad Battery Charger, Quad Docking Cradle, Cigarette Lighter Charger, Vehicle Holder, Serial/USB Cable, Cleaning Pen	Belt Strap, Battery Pack_V2 (with outer contacts), Single Battery Cradle, Quad Battery Charger, Wall Mount (for Quad Battery Charger), Vehicle Charger, USB Cable, Cleaning Pen
<b>Integrated Card Reader (optional)</b>						
<b>MSR</b>	3 Track, DUKPT (optional), T-DES Certified (optional)	3 Track, DUKPT (optional), T-DES Certified (optional)	3 Track, DUKPT (optional), T-DES Certified (optional)	3 Track, DUKPT (optional), T-DES Certified (optional)	3 Track, DUKPT (optional), T-DES Certified (optional)	3 Track, DUKPT (optional), T-DES Certified (optional)
<b>SCR</b>						EMV Level 1 certified, ISO7816, EMV2000 compliant, SAM 2 slots



	SLP-TX400	SLP-T400	SLP-TX420
<b>Print Characteristics</b>			
<b>Print Method</b>	Thermal Transfer, Direct Thermal	Thermal Transfer, Direct Thermal	Thermal Transfer, Direct Thermal
<b>Print Speed</b>	SLP-TX400: Up to 7 ips (178 mm/sec) SLP-TX403: Up to 5 ips (127 mm/sec)	SLP-T400: Up to 6 ips (152 mm/sec) SLP-T403: Up to 4 ips (100 mm/sec)	SLP-TX420: Up to 7 ips (178 mm/sec) SLP-TX423: Up to 5 ips (127 mm/sec)
<b>Print Resolution</b>	SLP-TX400: 203 dpi SLP-TX403: 300 dpi	SLP-T400: 203 dpi SLP-T403: 300 dpi	SLP-TX420: 203 dpi SLP-TX423: 300 dpi
<b>Print Width</b>	SLP-TX400: Up to 108 mm SLP-TX403: Up to 105.7 mm	SLP-T400: Up to 104 mm SLP-T403: Up to 105.7 mm	SLP-TX420: Up to 108 mm SLP-TX423: Up to 105.7 mm
<b>Print Length</b>	6 ~ 1000 mm	6 ~ 1000 mm	6 ~ 2000 mm
<b>Sensor</b>	Transmissive, Reflective (adjustable), Ribbon-End, Head open	Transmissive, Reflective (adjustable), Ribbon-End, Head open	Transmissive, Reflective (adjustable), Ribbon-End, Head open
<b>Media Characteristics</b>			
<b>Media Type</b>	Gap, Black Mark, Notch, Continuous, Fan-Fold	Gap, Black Mark, Notch, Continuous, Fan-Fold	Gap, Black Mark, Notch, Continuous, Fan-Fold
<b>Media Width</b>	25 ~ 116 mm	15 ~ 116 mm	20 ~ 110 mm
<b>Media Roll Diameter</b>	Up to 130 mm	Up to 130 mm	Up to 130 mm
<b>Media Thickness</b>	0.06 ~ 0.20 mm	0.06 ~ 0.20 mm	0.06 ~ 0.20 mm
<b>Supply Method</b>	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading
<b>Ribbon Characteristics</b>			
<b>Ribbon Type</b>	Wax, Wax/Resin, Resin, Outside	Wax, Wax/Resin, Resin, Outside	Wax, Wax/Resin, Resin, Outside
<b>Ribbon Width</b>	33 ~ 110 mm	33 ~ 110 mm	110 mm
<b>Ribbon Length</b>	Up to 300 m	Up to 300 m	Up to 74 m
<b>Core Inner Diameter</b>	25.4 mm, 12.5 mm	25.4 mm, 12.5 mm	12.5 mm
<b>Physical Characteristics</b>			
<b>Dimensions (W x L x H)</b>	214 x 310 x 195 mm (8.42 x 12.20 x 7.67 inch)	214 x 310 x 200 mm (8.42 x 12.20 x 7.87 inch)	200 x 252 x 173 mm (7.87 x 9.92 x 6.81 inch)
<b>Weight</b>	2.85 kg (6.28 lbs.)	2.75 kg (6.06 lbs.)	2.35 kg (5.18 lbs.)
<b>Power</b>	EnergyStar Certified, External Power Adaptor 100-240V AC, 50/60Hz	EnergyStar Certified, External Power Adaptor 100-240V AC, 50/60Hz	EnergyStar Certified, External Power Adaptor 100-240V AC, 50/60Hz
<b>Performance Characteristics</b>			
<b>Memory</b>	64MB SDRAM, 128MB FlashROM	8MB SDRAM, 2MB FlashROM	64MB SDRAM, 128MB FlashROM
<b>Interface</b>	Triple Interface Standard: USB + Serial + Parallel Optional: USB + Serial + Ethernet + WLAN* * WLAN: 802.11b/g/n USB dongle type (optional)	Triple Interface Standard: USB + Serial + Parallel Optional: USB + Serial + Ethernet	All-In-One Interface Standard: USB + Serial + Parallel Optional: USB + Serial + Ethernet + WLAN* * WLAN: 802.11b/g/n USB dongle type (optional)
<b>Environment Characteristics</b>			
<b>Temperature</b>	Operating: 5 ~ 40°C (41 ~ 104°F) Storage: -20 ~ 60°C (-4 ~ 140°F)	Operating: 5 ~ 40°C (41 ~ 104°F) Storage: -20 ~ 60°C (-4 ~ 140°F)	Operating: 5 ~ 40°C (41 ~ 104°F) Storage: -20 ~ 60°C (-4 ~ 140°F)
<b>Humidity</b>	Operating: 10 ~ 80% RH Storage: 10 ~ 90% RH	Operating: 10 ~ 80% RH Storage: 10 ~ 90% RH	Operating: 10 ~ 80% RH Storage: 10 ~ 90% RH
<b>Software</b>			
<b>Emulation</b>	SLCS, BPL-Z™, BPL-E™	SLCS, BPL-Z™, BPL-E™	SLCS, BPL-Z™, BPL-E™
<b>Driver / Utility</b>	Windows Driver (Euro Plus/Seagull), Linux CUPS Driver, Mac Driver, Virtual COM USB/Ethernet Driver, Utility Program, Label Artist™	Windows Driver, Linux CUPS Driver, Mac Driver, Virtual COM USB/Ethernet Driver, Utility Program, Label Artist™	Windows Driver (Euro Plus/Seagull), Linux CUPS Driver, Mac Driver, Virtual COM USB/Ethernet Driver, Utility Program, Label Artist™
<b>SDK</b>	Android SDK, Windows SDK	Android SDK, Windows SDK	Android SDK, Windows SDK
<b>Fonts / Graphics / Symbolologies</b>			
<b>Fonts</b>	<ul style="list-style-type: none"> <li>• 10 SLCS Resident Bitmap Fonts</li> <li>• One SLCS Resident Scalable Font</li> <li>• 16 BPL-Z™ Resident Bitmap Fonts</li> <li>• One BPL-Z™ Resident Scalable Font</li> <li>• 5 BPL-E™ Resident Bitmap Fonts</li> <li>• 23 Code Page</li> <li>• Unicode supported (UTF-8, UTF-16LE, UTF-16BE)</li> </ul>	<ul style="list-style-type: none"> <li>• 10 SLCS Resident Bitmap Fonts</li> <li>• One SLCS Resident Scalable Font</li> <li>• 23 Code Page</li> </ul>	<ul style="list-style-type: none"> <li>• 10 SLCS Resident Bitmap Fonts</li> <li>• One SLCS Resident Scalable Font</li> <li>• 16 BPL-Z™ Resident Bitmap Fonts</li> <li>• One BPL-Z™ Resident Scalable Font</li> <li>• 5 BPL-E™ Resident Bitmap Fonts</li> <li>• 23 Code Page</li> <li>• Unicode supported (UTF-8, UTF-16LE, UTF-16BE)</li> </ul>
<b>Graphics</b>	Supporting user-defined fonts, graphics, formats, and logos	Supporting user-defined fonts, graphics, formats, and logos	Supporting user-defined fonts, graphics, formats, and logos
<b>Barcode Symbolologies</b>	1D: Codabar, Code 11, Code 39, Code 93, Code 128, EAN-13, EAN-8, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Plessey, Postnet, GS1 DataBar (RSS-14), Standard 2-of-5, UPC/EAN extensions, UPC-A, UPC-E, IMB 2D: Aztec, Codablock, Code49, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR code, TLC39	1D: Codabar, Code 39, Code 93, Code 128, EAN-8, EAN-13, IMB, Interleaved 2-of-5, ITF, UCC/EAN-128, UPC-A, UPC-E 2D: Data Matrix, MaxiCode, PDF417, QR code (select two only)	1D: Codabar, Code 11, Code 39, Code 93, Code 128, EAN-13, EAN-8, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Plessey, Postnet, GS1 DataBar (RSS-14), Standard 2-of-5, UPC/EAN extensions, UPC-A, UPC-E, IMB 2D: Aztec, Codablock, Code49, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR code, TLC39
<b>Options</b>			
<b>Options</b>	Ethernet, WLAN (USB dongle type), Peeler, Auto Cutter, RTC (Real Time Clock), External Paper Supply	Ethernet, RFID (Frequency: 885 ~ 955 MHz, Transmit Power: 1W, Modulation: ASK, Air Protocol: GEN2, Type: FHSS), Peeler, Auto Cutter, External Paper Supply	Ethernet, WLAN (USB dongle type), Peeler, Auto Cutter, RTC (Real Time Clock), External Paper Supply

# LABEL PRINTERS



## SLP-DX420

## SLP-DX220

## SRP-770II

### Print Characteristics

Direct Thermal	Direct Thermal	Direct Thermal
SLP-DX420: Up to 7 ips (178 mm/sec) SLP-DX423: Up to 5 ips (127 mm/sec)	SLP-DX220: Up to 6 ips (152 mm/sec) SLP-DX223: Up to 4 ips (100 mm/sec)	Up to 5 ips (127 mm/sec)
SLP-DX420: 203 dpi SLP-DX423: 300 dpi	SLP-DX220: 203 dpi SLP-DX223: 300 dpi	203 dpi
SLP-DX420: Up to 108 mm SLP-DX423: Up to 105.7 mm	SLP-DX220: Up to 54 mm SLP-DX223: Up to 56.9 mm	Up to 104 mm
6 ~ 1000 mm	6 ~ 2000 mm	6 ~ 304 mm
Transmissive, Reflective (adjustable), Head open	Transmissive, Reflective (adjustable), Head open	Transmissive, Reflective, Head open

### Media Characteristics

Gap, Black Mark, Notch, Continuous, Fan-Fold	Gap, Black Mark, Notch, Continuous, Fan-Fold	Gap, Black Mark, Notch, Continuous, Fan-Fold
20 ~ 110 mm	15 ~ 60 mm	42 ~ 106 mm
Up to 130 mm	Up to 130 mm	Up to 130 mm
0.06 ~ 0.20 mm	0.06 ~ 0.20 mm	0.06 ~ 0.20 mm
Easy Paper Loading	Easy Paper Loading	Easy Paper Loading

### Ribbon Characteristics

-	-	-
-	-	-
-	-	-
-	-	-

### Physical Characteristics

194 x 243 x 171 mm (7.63 x 9.56 x 6.73 inch)	120 x 230 x 170 mm (4.72 x 9.05 x 6.69 inch)	184 x 221 x 171 mm (7.24 x 8.70 x 6.73 inch)
2.20 kg (4.85 lbs.)	1.36 kg (2.99 lbs.)	1.65 kg (3.63 lbs.)
EnergyStar Certified, External Power Adaptor 100-240V AC, 50/60Hz	EnergyStar Certified, External Power Adaptor 100-240V AC, 50/60Hz	External Power Adaptor 100-240V AC, 50/60Hz

### Performance Characteristics

64MB SDRAM, 128MB FlashROM	64MB SDRAM, 128MB FlashROM	512KB SDRAM, 2MB FlashROM
Triple Interface Standard: USB + Serial + Parallel Optional: USB + Serial + Ethernet + WLAN*	Dual Interface Standard: USB+Serial Optional: USB+Ethernet+WLAN* or Bluetooth** * WLAN: 802.11b/g/n USB dongle type (optional) ** Bluetooth: USB dongle type (optional) or Built-in type (optional) - Class 1 (100 m), MFi iAP2 certified	Triple Interface USB + Serial + Parallel

### Environment Characteristics

Operating: 0 ~ 40°C (32 ~ 104°F) Storage: -20 ~ 60°C (-4 ~ 140°F)	Operating: 0 ~ 40°C (32 ~ 104°F) Storage: -20 ~ 60°C (-4 ~ 140°F)	Operating: 0 ~ 40°C (32 ~ 104°F) Storage: -20 ~ 60°C (-4 ~ 140°F)
Operating: 10 ~ 80% RH Storage: 10 ~ 90% RH	Operating: 10 ~ 80% RH Storage: 10 ~ 90% RH	Operating: 10 ~ 80% RH Storage: 10 ~ 90% RH

### Software

SLCS, BPL-Z™, BPL-E™	SLCS, BPL-Z™, BPL-E™	SLCS, BPL-Z™, BPL-E™
Windows Driver (Euro Plus/Seagull), OPOS Driver, Linux CUPS Driver, Mac Driver, Virtual COM USB/Ethernet Driver, Utility Program, Label Artist™	Windows Driver (Euro Plus/Seagull), OPOS Driver, Linux CUPS Driver, Mac Driver, Virtual COM USB/Ethernet Driver, Utility Program, Label Artist™	Windows Driver, Linux CUPS Driver, Mac Driver, Virtual COM USB Driver, Utility Program, Label Artist™
Android SDK, Windows SDK	Android SDK, Windows SDK	Android SDK, Windows SDK

### Fonts / Graphics / Symbologies

<ul style="list-style-type: none"> <li>• 10 SLCS Resident Bitmap Fonts</li> <li>• One SLCS Resident Scalable Font</li> <li>• 16 BPL-Z™ Resident Bitmap Fonts</li> <li>• One BPL-Z™ Resident Scalable Font</li> <li>• 5 BPL-E™ Resident Bitmap Fonts</li> <li>• 23 Code Page</li> <li>• Unicode supported (UTF-8, UTF-16LE, UTF-16BE)</li> </ul>	<ul style="list-style-type: none"> <li>• 10 SLCS Resident Bitmap Fonts</li> <li>• One SLCS Resident Scalable Font</li> <li>• 16 BPL-Z™ Resident Bitmap Fonts</li> <li>• One BPL-Z™ Resident Scalable Font</li> <li>• 5 BPL-E™ Resident Bitmap Fonts</li> <li>• 23 Code Page</li> <li>• Unicode supported (UTF-8, UTF-16LE, UTF-16BE)</li> </ul>	<ul style="list-style-type: none"> <li>• 10 SLCS Resident Bitmap Fonts</li> <li>• One SLCS Resident Scalable Font</li> <li>• 23 Code Page</li> </ul>
Supporting user-defined fonts, graphics, formats, and logos	Supporting user-defined fonts, graphics, formats, and logos	Supporting user-defined fonts, graphics, formats, and logos
1D: Codabar, Code 11, Code 39, Code 93, Code 128, EAN-13, EAN-8, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Plessey, Postnet, GS1 DataBar (RSS-14), Standard 2-of-5, UPC/EAN extensions, UPC-A, UPC-E, IMB 2D: Aztec, Codablock, Code 49, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR code, TLC39	1D: Codabar, Code 11, Code 39, Code 93, Code 128, EAN-13, EAN-8, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Plessey, Postnet, GS1 DataBar (RSS-14), Standard 2-of-5, UPC/EAN extensions, UPC-A, UPC-E, IMB 2D: Aztec, Codablock, Code 49, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR code, TLC39	1D: Codabar, Code 39, Code 93, EAN-8, EAN-13, Interleaved 2-of-5, ITF, UCC/EAN-128, UPC-A, UPC-E 2D: Data Matrix, MaxiCode, PDF417, QR code (select two only)

### Options

Ethernet, WLAN (USB dongle type), Peeler, Auto Cutter, RTC (Real Time Clock), External Paper Supply	Ethernet, WLAN (USB dongle type), Peeler, Auto Cutter, RTC (Real Time Clock)	Auto Cutter
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	SRP-F310II	SRP-380	SRP-350plusIII	SRP-350III
<b>Print Characteristics</b>				
<b>Print Method</b>	Direct Thermal (Front Exit)	Direct Thermal	Direct Thermal	Direct Thermal
<b>Print Speed</b>	350 mm/sec	350 mm/sec	SRP-350plusIII: 300 mm/sec SRP-352plusIII: 270 mm/sec	SRP-350III: 250 mm/sec SRP-352III: 230 mm/sec
<b>Print Resolution</b>	SRP-F310II: 180 dpi (512dots) SRP-F312II: 203 dpi (576dots)	SRP-380: 180 dpi SRP-382: 203 dpi	SRP-350plusIII: 180 dpi SRP-352plusIII: 203 dpi	SRP-350III: 180 dpi SRP-352III: 203 dpi
<b>Print Width</b>	SRP-F310II: Up to 72 mm SRP-F312II: Up to 72 mm	Up to 72 mm	Up to 72 mm	Up to 72 mm
<b>Sensor</b>	Paper End, Paper Near End, Cover Open	Paper End, Paper Near End, Cover Open	Paper End, Paper Near End, Cover Open	Paper End, Paper Near End, Cover Open
<b>Media Characteristics</b>				
<b>Media Type</b>	Receipt	Receipt	Receipt	Receipt
<b>Media Width</b>	80 / 83 mm	80 mm 58 mm (with 2 inch Partition)	80 mm Optional 58 mm (with 2 inch Partition)	80 mm Optional 58 mm (with 2 inch Partition)
<b>Media Roll Diameter</b>	Up to 105 mm	Up to 83 mm	Up to 83 mm	Up to 83 mm
<b>Media Thickness</b>	0.062 ~ 0.075 mm	0.062 ~ 0.075 mm	0.062 ~ 0.075 mm	0.062 ~ 0.075 mm
<b>Supply Method</b>	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading
<b>Physical Characteristics</b>				
<b>Dimensions (W x L x H)</b>	154 x 203 x 148 mm (6.06 x 7.99 x 5.82 inch)	147 x 200 x 148 mm (5.70 x 7.87 x 5.82 inch)	145 x 200 x 146 mm (5.70 x 7.87 x 5.74 inch)	145 x 204 x 146 mm (5.70 x 8.03 x 5.74 inch)
<b>Weight</b>	2.00 kg (4.40 lbs.)	1.56 kg (3.43 lbs)	1.56 kg (3.43 lbs)	1.55kg (3.41 lbs)
<b>Power</b>	EnergyStar Certified, External Power Adaptor 100-240V AV, 50/60Hz	EnergyStar Certified, External Power Adaptor 100-240V AV, 50/60Hz	EnergyStar Certified, External Power Adaptor 100-240V AV, 50/60Hz	EnergyStar Certified, External Power Adaptor 100-240V AV, 50/60Hz
<b>Drawer Port</b>	2 ports (via y-type adaptor)	2 ports (via y-type adaptor)	2 ports (via y-type adaptor)	2 ports (via y-type adaptor)
<b>Performance Characteristics</b>				
<b>Memory</b>	64 Mbit SDRAM, 32 Mbit FlashROM	128 Mbit SDRAM, 64 Mbit FlashROM	64 Mbit SDRAM, 32 Mbit FlashROM	64 Mbit SDRAM, 32 Mbit FlashROM
<b>NV Image Memory</b>	768 Kbytes (mono)	768 Kbytes (mono)	768 Kbytes (mono)	256 Kbytes (mono)
<b>Receive Buffer</b>	4Kbytes	4 Kbytes	4 Kbytes	4 Kbytes
<b>User Define Buffer</b>	12Kbytes	12 Kbytes	12 Kbytes	12 Kbytes
<b>Interface</b>	Triple Interface Ethernet + USB V2.0 FS + Serial, Parallel, WLAN*, Bluetooth V2.1+ EDR**, or powered USB * WLAN: 802.11b/g/n ** Bluetooth: Class 1 (100 m), MFi certified	Dual Interface USB V2.0 FS + Ethernet / Serial / Dual Serial / WLAN* / Bluetooth V2.1+ EDR** / powered USB * WLAN: 802.11b/g/n ** Bluetooth: Class 1 (100 m), MFi certified	Triple Interface USB V2.0 FS + Ethernet + Serial / Parallel / WLAN* / Bluetooth V2.1+ EDR** / powered USB * WLAN: 802.11b/g/n ** Bluetooth: Class 1 (100 m), MFi certified	Dual Interface USB V2.0 FS + Serial USB V2.0 FS + Parallel USB V2.0 FS + Ethernet
<b>Environment Characteristics</b>				
<b>Temperature</b>	Operating: 0 ~ 40 °C (32 ~ 104 °F) Storage: -20 ~ 60 °C (-4 ~ 140 °F)	Operating: 0 ~ 40 °C (32 ~ 104 °F) Storage: -20 ~ 60 °C (-4 ~ 140 °F)	Operating: 0 ~ 40 °C (32 ~ 104 °F) Storage: -20 ~ 60 °C (-4 ~ 140 °F)	Operating: 0 ~ 40 °C (32 ~ 104 °F) Storage: -20 ~ 60 °C (-4 ~ 140 °F)
<b>Humidity</b>	Operating: 10 ~ 80% RH Storage 10 ~ 90% RH	Operating: 10 ~ 80% RH Storage 10 ~ 90% RH	Operating: 10 ~ 80% RH Storage 10 ~ 90% RH	Operating: 10 ~ 80% RH Storage 10 ~ 90% RH
<b>Reliability</b>				
<b>Thermal Print Head (TPH)</b>	250 km ***	250 km ***	150 km	150 km
<b>Auto Cutter</b>	3 Million Cuts ***	3 Million Cuts ***	1.8 Million Cuts	1.8 Million Cuts
<b>*** Specified Paper</b>	- TF50KS-E (Paper thickness: 65µm) : Nippon Paper industries Co., Ltd. - PD 150R (Paper thickness: 75µm) : New Oji Paper Mfg. Co., Ltd - PD 160R (Paper thickness: 75µm) : New Oji Paper Mfg. Co., Ltd. - P350 (Paper thickness: 62µm) : Kansaki Specialty Paper, Inc. (USA)	- TF50KS-E (Paper thickness: 65µm) : Nippon Paper industries Co., Ltd. - PD 150R (Paper thickness: 75µm) : New Oji Paper Mfg. Co., Ltd - PD 160R (Paper thickness: 75µm) : New Oji Paper Mfg. Co., Ltd. - P350 (Paper thickness: 62µm) : Kansaki Specialty Paper, Inc. (USA)		
<b>Software</b>				
<b>Emulation</b>	BXL / POS	BXL / POS	BXL / POS	BXL / POS
<b>Driver / Utility</b>	Windows Driver, OPOS Driver, JPOS Driver, Linux / Mac CUPS Driver, Virtual COM USB/Ethernet Driver, Utility Program	Windows Driver, OPOS Driver, JPOS Driver, Linux / Mac CUPS Driver, Virtual COM USB/Ethernet Driver, Utility Program	Windows Driver, OPOS Driver, JPOS Driver, Linux / Mac CUPS Driver, Virtual COM USB/Ethernet Driver, Utility Program	Windows Driver, OPOS Driver, JPOS Driver, Linux / Mac CUPS Driver, Virtual COM USB/Ethernet Driver, Utility Program
<b>SDK</b>	iOS SDK, Android SDK	iOS SDK, Android SDK, Windows SDK, Windows Runtime SDK	iOS SDK, Android SDK, Windows SDK, Windows Runtime SDK	iOS SDK, Android SDK
<b>Fonts / Graphics / Symbologies</b>				
<b>Character Size</b>	Font A: 12x24 Font B: 9x17 Font C: 9x24 KOR, CHN, JPN: 24x24	Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24 KOR, CHN, JPN: 24 x 24	Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24 KOR, CHN, JPN: 24 x 24	Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24 KOR, CHN, JPN: 24 x 24
<b>Characters Per Line</b>	SRP-F310II: - Font A: 42 Font B, C: 56 - KOR, CHN, JPN: 21 SRP-F312II: - Font A: 48 Font B, C: 64 - KOR, CHN, JPN: 24 SRP-F313II: - Font A: 53 Font B, C: 71 - KOR, CHN, JPN: 26	SRP-380: - Font A: 42 Font B, C: 56 - KOR, CHN, JPN: 21 SRP-382: - Font A: 48 Font B, C: 64 - KOR, CHN, JPN: 24	SRP-350plusIII: - Font A: 42 Font B, C: 56 - KOR, CHN, JPN: 21 SRP-352plusIII: - Font A: 48 Font B, C: 64 - KOR, CHN, JPN: 24	SRP-350III: - Font A: 42 Font B, C: 56 - KOR, CHN, JPN: 21 SRP-352III: - Font A: 48 Font B, C: 64 - KOR, CHN, JPN: 24
<b>Character Sets</b>	Alphanumeric: 95 Extended Graphics: 128 x 33 page International: 32	Alphanumeric: 95 Extended Graphics: 128 x 35 page International: 32 Unicode : UTF-8, UTF-16, UTF-32	Alphanumeric: 95 Extended Graphics: 128 x 33 page International: 32	Alphanumeric: 95 Extended Graphics: 128 x 33 page International: 32
<b>Graphics</b>	Supporting user-defined fonts, graphics, formats, and logos	Supporting user-defined fonts, graphics, formats, and logos	Supporting user-defined fonts, graphics, formats, and logos	Supporting user-defined fonts, graphics, formats, and logos
<b>Barcode Symbologies</b>	1D: Coda Bar, Code39, Code93, Code128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: Data Matrix, PDF417, QR Code	1D: Coda Bar, Code 39, Code 93, Code 128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: Data Matrix, GS1-128, GS1 DataBar Stacked / Omnidirectional / Truncated / Limited / Expanded, PDF417, QR code	1D: Coda Bar, Code 39, Code 93, Code 128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: Data Matrix, PDF417, QR code	1D: Coda Bar, Code39, Code93, Code128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: Data Matrix, PDF417, QR Code



# POS PRINTERS



SRP-330	STP-103III	SRP-275III	SRP-270	SRP-500
<b>Print Characteristics</b>				
Direct Thermal 200 mm/sec	Direct Thermal 80 mm/sec	9 Pin Serial Dot Matrix 5.1 lps (at 40 columns)	9 Pin Serial Dot Matrix 4.6 lps	Serial Inkjet Matrix 13 lps (12 column) 6.5 lps (40 column)
180 dpi	203 dpi	80 dpi (horizontal) 144 dpi (vertical)	80 dpi (horizontal) 144 dpi (vertical)	104 dpi x 96 (text) 208 dpi x 96 (graphic)
Up to 72 mm	Up to 48 mm	Up to 63.5 mm	Up to 63.5 mm	Up to 61.5 mm
Paper End, Cover Open	Paper End, Paper Near End, Cover Open	Paper End, Paper Near End, Wall Mounting Paper Near End, Rear Cover Open, Black Mark	Paper End	No Cartridge Indicator, Paper End, Paper Near End, Front Cover Open
<b>Media Characteristics</b>				
Receipt 80 mm, 58 mm (with 2 inch Partition)	Receipt 57.5 mm	Receipt 76.5 mm	Receipt 76.5 mm	Receipt 76.5 mm
Up to 80 mm 0.062 ~ 0.075 mm	Up to 60 mm 0.062 ~ 0.075 mm	Up to 83 mm 0.06 ~ 0.085 mm	Up to 83 mm 0.06 ~ 0.085 mm	Up to 83 mm 0.06 ~ 0.085 mm
Easy Paper Loading	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading
<b>Physical Characteristics</b>				
153 x 195 x 145 mm (6.02 x 7.68 x 5.70 inch) 1.44 kg (3.17 lbs.)	116 x 180 x 90 mm (4.56 x 7.08 x 3.54 inch) 450 g (0.99 lbs.)	160 x 239 x 157 mm (6.29 x 9.40 x 6.18 inch) A: 2.4 kg (5.29 lbs.) C: 2.5 kg (5.51 lbs.)	160 x 249 x 130(A)/149(C)/160(D) mm (6.29 x 9.80 x 5.11(A)/5.86(C)/6.29(D) inch) 2.3 kg (5.07 lbs.)	172 x 226 x 152 mm (6.77 x 8.89 x 5.98 inch) 2.7 g (5.95 lbs.)
EnergyStar Certified, External Power Adaptor 100-240V AV, 50/60Hz	External Power Adaptor 100-240V AV, 50/60Hz	EnergyStar Certified, External Power Adaptor 100-240V AV, 50/60Hz	External Power Adaptor 100-240V AV, 50/60Hz	External Power Adaptor 100-240V AV, 50/60Hz
2 ports (via y-type adaptor)	2 ports (via y-type adaptor)	2 ports (via y-type adaptor)	2 ports (via y-type adaptor)	2 ports (via y-type adaptor)
<b>Performance Characteristics</b>				
64 Mbit SDRAM, 16 Mbit FlashROM 256 Kbytes (mono)	64 Mbit SDRAM, 16 Mbit FlashROM 256 Kbytes (mono)	64 Mbit SDRAM, 16 Mbit FlashROM 256 Kbytes (mono)	32 Kbit SDRAM, 1 Mbit FlashROM -	256 Kbytes (mono)
4 Kbytes	64 Kbytes	64 Kbytes	4 Kbytes	8 Kbytes
12 Kbytes	12 Kbytes	64 Kbytes	17 Kbytes	-
Dual Interface USB V2.0 FS + Serial USB V2.0 FS + Parallel USB V2.0 FS + Ethernet	Dual Interface USB V2.0 FS + Serial USB V2.0 FS + Parallel	Max. Triple Interface USB V2.0 FS + Serial + Ethernet* USB V2.0 FS + Parallel * DHCP enabled	USB V1.1 FS, Serial, Parallel, Ethernet	USB V1.1 FS, Serial, Parallel
<b>Environment Characteristics</b>				
Operating: 0 ~ 40°C (32 ~ 104°F) Storage: -20 ~ 60°C (-4 ~ 140°F)	Operating: 0 ~ 40°C (32 ~ 104°F) Storage: -20 ~ 60°C (-4 ~ 140°F)	Operating: 0 ~ 40°C (32 ~ 104°F) Storage: -20 ~ 60°C (-4 ~ 140°F)	Operating: 0 ~ 40°C (32 ~ 104°F) Storage: -20 ~ 60°C (-4 ~ 140°F)	Operating: 0 ~ 45°C (32 ~ 113°F) Storage: -20 ~ 60°C (-4 ~ 140°F)
Operating: 10 ~ 80% RH Storage 10 ~ 90% RH	Operating: 10 ~ 80% RH Storage 10 ~ 90% RH	Operating: 10 ~ 80% RH Storage 10 ~ 90% RH	Operating: 10 ~ 80% RH Storage: 10 ~ 90% RH	Operating: 10 ~ 80% RH Storage: 10 ~ 90% RH
<b>Reliability</b>				
150 km	50 km	300 Million Dots/Wire	300 Million Dots/Wire	-
1.5 Million Cuts	-	1.5 Million Cuts	0.5 Million Cuts	1.5 Million Cuts
<b>Software</b>				
BXL / POS Windows Driver, OPOS Driver, JPOS Driver, Linux CUPS Driver, Mac Driver, Virtual COM USB/Ethernet Driver, Utility Program	BXL / POS Windows Driver, OPOS Driver, JPOS Driver, Linux / Mac CUPS Driver, Virtual COM USB Driver, Utility Program	BXL / POS Windows Driver, OPOS Driver, JPOS Driver, Linux / Mac CUPS Driver, Virtual COM USB/Ethernet Driver, Utility Program	BXL / POS Windows Driver, OPOS Driver, Linux / Mac CUPS Driver, Virtual COM USB/Ethernet Driver, Utility Program	BXL / POS Windows Driver, OPOS Driver, Virtual COM USB/Ethernet Driver, Utility Program
Android SDK	Android SDK	iOS SDK, Android SDK	-	-
<b>Fonts / Graphics / Symbologies</b>				
Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24 KOR, CHN, JPN: 24 x 24 Font A: 42 Font B, C: 56 KOR, CHN, JPN: 21	Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24 KOR, CHN, JPN: 24 x 24 Font A: 32 Font B, C: 42 KOR, CHN, JPN: 16	Font A: 9 x 9 Font B: 7 x 9 KOR: 17 x 9 CHN: 16 x 16 Font A: 35 Font B: 40 KOR: 20 CHN: 22	Font A: 9 x 9 Font B: 7 x 9 KOR: 17 x 9 CHN: 16 x 16 Font A: 33 Font B: 40 KOR: 20 CHN: 22	Font A: 14 x 12 Font B: 12 x 12 KOR: 24 x 12 CHN: 20 x 24 Font A: 36 Font B: 42 KOR: 21 CHN: 25
Alphanumeric: 95 Extended Graphics: 128 x 33 page International: 32	Alphanumeric: 95 Extended Graphics: 128 x 33 page International: 32	Alphanumeric: 95 Extended Graphics: 128 x 27 page International: 48	Alphanumeric: 95 Extended Graphics: 128 x 7 page International: 32	Alphanumeric: 95 Extended Graphics: 128 x 12 page International: 32
Supporting user-defined fonts, graphics, formats, and logos 1D: Coda Bar, Code39, Code93, Code 128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: PDF417, QR Code	Supporting user-defined fonts, graphics, formats, and logos 1D: Codabar, Code 39, Code 93, Code 128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: PDF417, QR code	Supporting user-defined fonts, graphics, formats, and logos	Supporting user-defined fonts, graphics, formats, and logos	Supporting user-defined fonts, graphics, formats, and logos 1D: Codabar, Code 39, Code 93, Code 128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: PDF417, QR code

# mPOS HARDWARE SOLUTION & PERIPHERALS



## BGT-100

Print Characteristics	
Print Method	Direct Thermal
Print Speed	BGT-100P: 300 mm/sec BGT-102P: 270 mm/sec
Print Resolution	BGT-100P: 180 dpi BGT-102P: 203 dpi
Print Width	Up to 72 mm
Sensor	Paper End, Paper Near End, Cover Open
Media Characteristics	
Media Type	Receipt
Media Width	80 mm Optional 58 mm (with 2 inch Partition)
Media Roll Diameter	Up to 83 mm
Media Thickness	0.062 ~ 0.075 mm
Supply Method	Easy Paper Loading
Physical Characteristics	
Dimensions (W x L x H)	145 x 200 x 146 mm (5.70 x 7.87 x 5.74 inch)
Weight	1.56 kg (3.43 lbs)
Power	EnergyStar Certified, External Power Adaptor 100~240V AV, 50/60Hz
Drawer Port	2 ports (via y-type adaptor)
Performance Characteristics	
Memory	512 Mbit SDRAM, 2Gbit FlashROM
NV Image Memory	768 Kbytes (mono)
Receive Buffer	4Kbytes
User Define Buffer	12Kbytes
Interface	Multiple Interface USB Host 4 ports & Device 1 port (V2.0 HS) + Ethernet + Bluetooth V2.1+ EDR** / WLAN* * WLAN: 802.11b/g/n **Bluetooth: Class 1 (100 m), MFi certified
Environment Characteristics	
Temperature	Operating: 0 ~ 40°C (32 ~ 104°F) Storage: -20 ~ 60°C (-4 ~ 140°F)
Humidity	Operating: 10 ~ 80% RH Storage: 10 ~ 90% RH
Reliability	
Thermal Print Head (TPH)	150 km
Auto Cutter	1.8 Million Cuts
Software	
Emulation	BXL / POS
Driver / Utility	Utility Program
SDK	iOS SDK, Android SDK, Windows SDK
Fonts / Graphics / Symbolologies	
Character Size	Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24 KOR, CHN, JPN: 24 x 24
Characters Per Line	SRP-350plusIII: - Font A: 42 Font B, C: 56 KOR, CHN, JPN: 21 SRP-352plusIII: - Font A: 48 Font B, C: 64 KOR, CHN, JPN: 24
Character Sets	Alphanumeric: 95 Extended Graphics: 128 x 33 page International: 32
Graphics	Supporting user-defined fonts, graphics, formats, and logos
Barcode Symbolologies	1D: Coda Bar, Code 39, Code 93, Code 128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: Data Matrix, PDF417, QR code



## BCD-1000 / 1100

Display	
Display Method	VFD (Vacuum Fluorescent Display)
Display Color	Blue green
Brightness (Cd/ M2)	800~1000/700 (BCD-1100)
Character Size (W x H)	5.45 x 9.15 mm 3.5 x 5.0 mm (BCD-1100)
Characters Per Line	40 (20 characters x 2 Lines)
Character Font	5 x 7 dot matrix, Comma Decimal Point, Annunciator
Character Set	Alphanumeric Character : 95 Extended Characters : 128 x 16 pages International Character : 32
Reliability	20,000 hours
Viewing Angle	52° (5 positions)
Horizontal Rotations	Max. 360°
Software	
Emulation	BXL / POS, ADM 787/788, DSP800, AEDEX, UTC, Standard, UTC Enhance, CDS220, NCR Real Pos, PD 6000, ICD 2002
Driver SDK	Windows Driver, OPOS Driver Android SDK
Interface	USB, RS-232C (BCD-1000) USB (BCD-1100)
Factory Option (Only BCD-1000)	USB Interface, Sub PCB A Type
Power Supply (SMPS)	AC 100~240V DC 24V/1.5A DC 12V/1.25A DC 5V/2.0A



To give the convenience with the best printer solution on the market, BIXOLON provides full support for industry standard development platforms.

		Mobile Printers					Label Printers						Pos Printers & mPOS & Peripherals										
		BGT-100P	SPP-R300	SPP-R200III	SPP-R200II	SPP-R210	SLP-TX400	SLP-T400	SLP-TX420	SLP-DX420	SLP-DX220	SRP-770II	SRP-F310II	SRP-380	SRP-350plusIII	SRP-350III	SRP-330	STP-103III	SRP-275III	SRP-270	SRP-500	BGT-100P	BCD-1000/1100
Windows Driver	Windows XP 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows Server 2003 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows VISTA 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows Server 2008 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows Server 2008 R2 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows 7 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows 8 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows Server 2012 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows 10 32bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
OPOS Driver	Windows XP 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows Server 2003 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows VISTA 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows Server 2008 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows Server 2008 R2 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows 7 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows 8 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows Server 2012 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
JPOS Driver	Windows XP 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows Server 2003 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows VISTA 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows 7 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows 8 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows 10 32bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Linux Kernel 2.6.32 and later	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Linux CUPS Driver	Linux Kernel 2.6.32 and later	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Mac Driver	Mac OS X 10.4, 10.5, 10.6						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	Mac OS X 10.7, 10.8						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	MAC OS X 10.9						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Virtual COM Driver	Virtual COM USB Driver						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	Virtual COM Ethernet Driver						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
iOS SDK	iOS 5.1.1 / iPod-Touch 2G and later	●	●	●	●	●						●	●	●	●	●	●	●	●	●	●	●	
Android SDK	Android 2.3 and later	●	●	●	●	●						●	●	●	●	●	●	●	●	●	●	●	
	Android 3.1 and later						●	●	●	●	●	●						●				●	
Windows SDK	Windows XP 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows Server 2003 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows VISTA 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows Server 2008 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows Server 2008 R2 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows 7 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows 8 32 bit / 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows Server 2012 64 bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows 10 32bit / 64bit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Windows CE 5.0 and later	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Windows Mobile 5.0 and later	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Windows Runtime SDK	Windows 8.1 RT 32 bit / 64 bit	●	●	●	●	●							●	●									
Windows Phone SDK	Windows Phone 8 / 8.1	●	●		●	●																	
Symbian SDK	Symbian OSV7.0 later / S60 Platform only	●	●		●	●																	

\* SDK : Software Development Kit



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