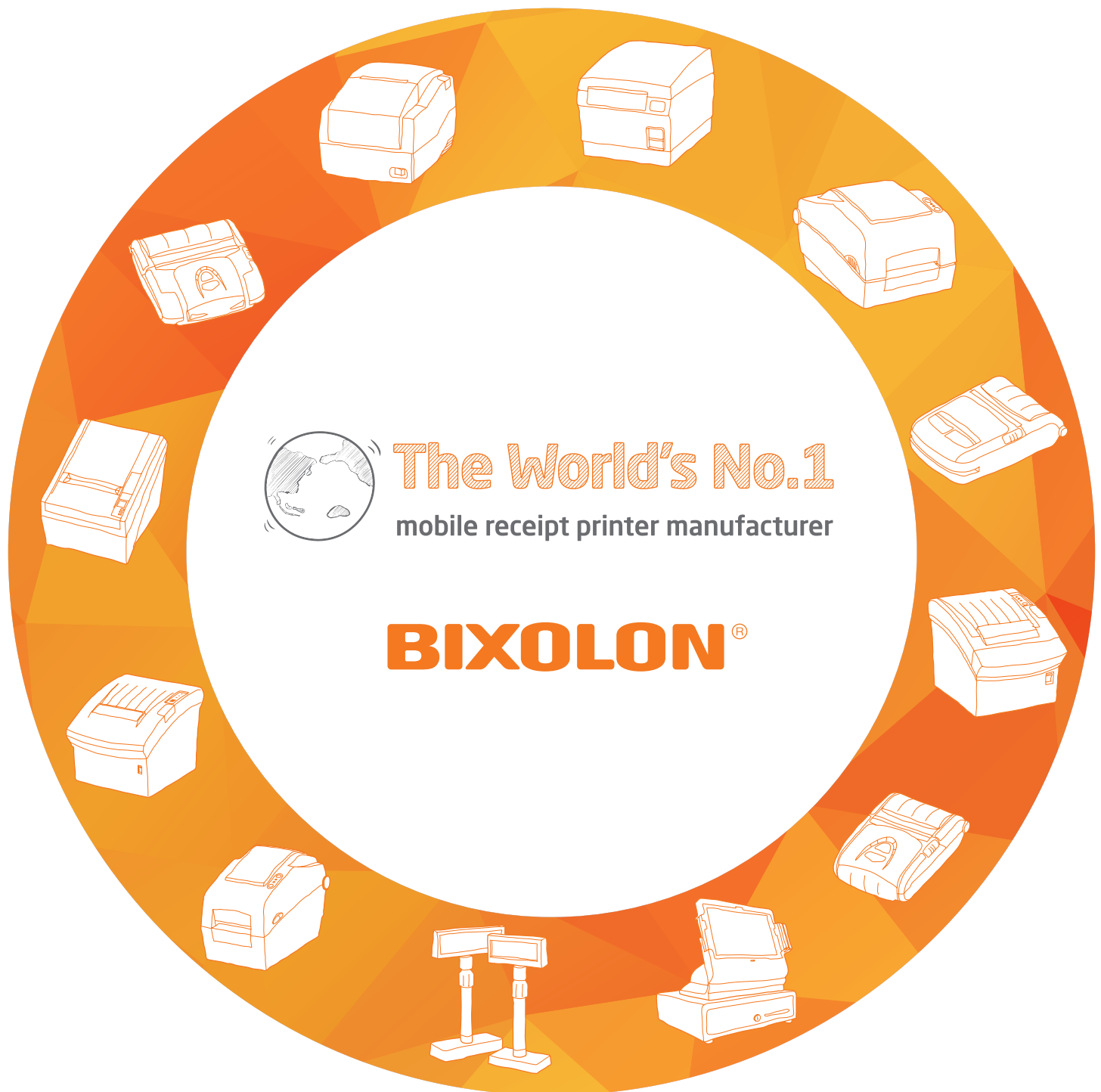




a Better Solution for your Business™

BIXOLON's advanced portfolio of POS Receipt, Label, and Mobile printer technologies provide a wide array of innovative solutions for a range of industries such as retail, hospitality, healthcare, banking, post/parcel and warehousing. BIXOLON's intuitive thermal and impact printer POS software also offers extensive customization capabilities.

As 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.



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 busy 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 worldwide working within the post & parcel sector

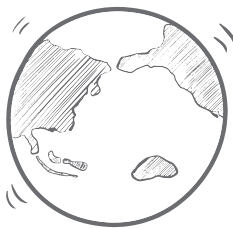
- Stamp printing
- Parcel labeling
- Proof of delivery / receipts
- Transaction receipting



Healthcare & Pharmacy

Barcode technology in healthcare vastly increases patient safety, improves 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

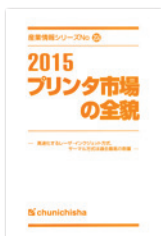


The World's No.1

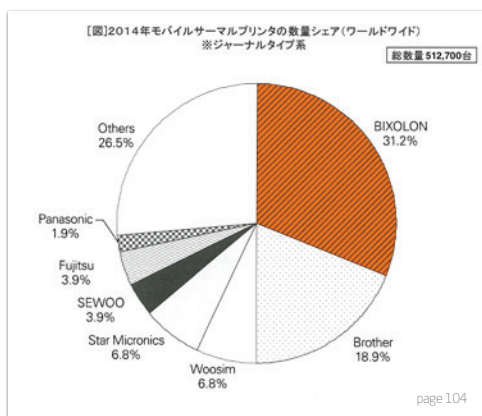
mobile receipt printer manufacturer



Mobile Printers (Receipt only) - Total 512,700 units (2014)



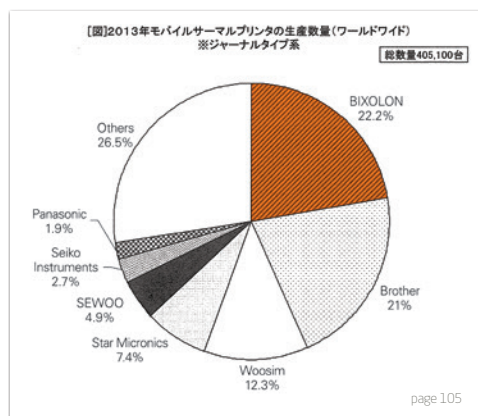
Chunichisha, Japan
(2015),
Whole Picture of the
Printer Market



Mobile Printers (Receipt only) - Total 405,100 units (2013)



Chunichisha, Japan
(2014),
Whole Picture of the
Printer Market



Mobile Printers Accessories



Contents

02 ~ 03 Company Intro / Reference Applications
04 Portfolio

05 Mobile Printers
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08 ~ 10 POS Printers & Peripherals
11 Software Table

PORTFOLIO

MOBILE PRINTERS	 SPP-R400	 SPP-R310		 SPP-R200III	 SPP-R210
	 SLP-TX400		 SLP-T400	 SLP-TX420	
LABEL PRINTERS	 SLP-DX420		 SLP-DX220	 SLP-DL410	
	POS PRINTERS mPOS HARDWARE SOLUTION PERIPHERALS		 SRP-770II		 SRP-F310II
 SRP-380					
 SRP-350plusIII					
 SRP-350III					
 SRP-330II		 STP-103III		 SRP-275III	
 SRP-270		 B-gate		 BCD-1000 / 1100	

MOBILE PRINTERS



SPP-R400		SPP-R310		SPP-R200III		SPP-R210	
Print Characteristics							
Print Method	Direct Thermal	Direct Thermal	Direct Thermal	Direct Thermal	Direct Thermal	Direct Thermal	Direct Thermal
Print Speed	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 60 mm/sec (Linerless) 12.5% pattern	Up to 90 mm/sec (Receipt) Up to 60 mm/sec (Linerless) 12.5% pattern	Up to 90 mm/sec (Receipt) Up to 60 mm/sec (Linerless) 12.5% pattern
Print Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi
Print Width	Up to 104 mm	Up to 72 mm	Up to 48 mm	Up to 48 mm	Up to 48 mm	Up to 48 mm	Up to 48 mm
Sensor	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	Paper End: Reflective sensor Paper Cover Open: Two mechanical switches
Media Characteristics							
Media Type	Receipt and Label, Linerless (Optional)	Receipt and Label, Linerless (Optional)	Receipt and Label, Linerless (Optional)	Receipt and Label, Linerless (Optional)	Receipt, Linerless (Optional)	Receipt, Linerless (Optional)	Receipt, Linerless (Optional)
Media Width	112 mm / 105 mm (Optional)	80 mm	58 mm / 50 mm (Optional)	58 mm	58 mm	58 mm	58 mm
Media Roll Diameter	Up to 57 mm	Up to 50 mm	Up to 40 mm	Up to 30 mm	Up to 30 mm	Up to 30 mm	Up to 30 mm
Media Thickness	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	0.07 ± 0.005 mm
Supply Method	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading
Physical Characteristics							
Dimensions (W x L x H)	147.0 x 171.4 x 66.7 mm (5.79 x 6.75 x 2.63 inch)	105.0 x 126.0 x 58.0 mm (4.14 x 4.97 x 2.29 inch)	79.5 x 124.5 x 44.1 mm (3.13 x 4.9 x 1.74 inch)	79.5 x 124.5 x 44.1 mm (3.13 x 4.9 x 1.74 inch)	79.0 x 116.0 x 36.5 mm (3.11 x 4.57 x 1.44 inch)	79.0 x 116.0 x 36.5 mm (3.11 x 4.57 x 1.44 inch)	79.0 x 116.0 x 36.5 mm (3.11 x 4.57 x 1.44 inch)
Weight	Including battery: 697 g (1.54 lbs.) Including MSR: 712 g (1.57 lbs.) Paper : 242 g (0.53 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: 228 g (0.50 lbs.) Including MSR: 238 g (0.52 lbs.) Paper : 57 g (0.13 lbs.)	Including MSR+battery: 232 g (0.51 lbs.) Paper : 34 g (0.07 lbs.)	Including MSR+battery: 232 g (0.51 lbs.) Paper : 34 g (0.07 lbs.)	Including MSR+battery: 232 g (0.51 lbs.) Paper : 34 g (0.07 lbs.)
Battery	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	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
Performance Characteristics							
Memory	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	64 Mbit SDRAM, 32 Mbit FlashROM
Interface Options	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) * Easy Bluetooth Paring™ via NFC	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) * Easy Bluetooth Paring™ via NFC	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) * Easy Bluetooth Paring™ via NFC	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)	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)	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)
Environment Characteristics							
Temperature	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)	Operating: -15 ~ 50 °C (5 ~ 122 °F) Storage: -30 ~ 70 °C (-22 ~ 158 °F)
Humidity	Operating: 10 ~ 80% RH	Operating: 10 ~ 80% RH	Operating: 10 ~ 80% RH	Operating: 10 ~ 80% RH	Operating: 10 ~ 80% RH	Operating: 10 ~ 80% RH	Operating: 10 ~ 80% RH
Sealing	IP54 (with protective case)	IP43 (IP54 with protective case)	IP43 (IP54 with protective case)	IP43 (IP54 with protective case)	IP54 (with protective case)	IP54 (with protective case)	IP54 (with protective case)
Drop Rate	1.5 m (5 ft.)	1.8 m (6 ft.)	2.1 m (7 ft.) / 1.5 m (5 ft.) for MSR model	2.1 m (7 ft.) / 1.5 m (5 ft.) for MSR model	1.2 m (4 ft.)	1.2 m (4 ft.)	1.2 m (4 ft.)
Software							
Emulation	BXL / POS	BXL / POS	BXL / POS	BXL / POS	BXL / POS	BXL / POS	BXL / POS
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	Windows Driver, OPOS Driver, JPOS Driver, Linux CUPS Driver	Windows Driver, OPOS Driver, JPOS Driver, Linux CUPS Driver
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	iOS SDK, Android SDK, Windows SDK	iOS SDK, Android SDK, Windows 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: 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 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	Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24	Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24
Characters Per Line	Font A: 69 Font B, C: 92 KOR, CHN: 34	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, JPN: 16	Font A: 32 Font B, C: 42	Font A: 32 Font B, C: 42	Font A: 32 Font B, C: 42
Character Sets	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	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	Alphanumeric: 95 Expanded Graphics: 128 x 33 page International: 32
Graphics	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	Supporting user-defined fonts, graphics, formats, layouts, and logos
Barcode Symbolologies	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, 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, 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	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
Accessories							
Standard	Belt Strap, Battery Pack, Battery Charger, Power Cord, Paper	Belt Clip, Battery Pack, Battery Charger, Power Cord, Paper	Belt Clip, Battery Pack, Battery Charger, Power Cord, Paper	Belt Clip, Battery Pack, Battery Charger, Power Cord, Paper	Belt Clip, Battery Pack, Battery Charger, Power Cord, Paper	Belt Clip, Battery Pack, Battery Charger, Power Cord, Paper	Belt Clip, Battery Pack, Battery Charger, Power Cord, Paper
Optional	Shoulder Strap, Single Battery Cradle, Quad Battery Charger, Cigarette Lighter Charger, Serial/USB Cable, Cleaning Pen	Belt Strap, Case, Protective Case, Shoulder Strap, Single Battery Cradle, Quad Battery Charger, Cigarette Lighter 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, Quad Battery Charger, Quad Docking Cradle, Cigarette Lighter Charger, Vehicle Holder, 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, Quad Battery Charger, Quad Docking Cradle, Wall Mount (for Quad Battery Charger), Cigarette Lighter Charger, Vehicle Holder, 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, Quad Battery Charger, Quad Docking Cradle, Wall Mount (for Quad Battery Charger), Cigarette Lighter Charger, Vehicle Holder, 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, Quad Battery Charger, Quad Docking Cradle, Wall Mount (for Quad Battery Charger), Cigarette Lighter Charger, Vehicle Holder, 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, Quad Battery Charger, Quad Docking Cradle, Wall Mount (for Quad Battery Charger), Cigarette Lighter Charger, Vehicle Holder, USB Cable, Cleaning Pen
Integrated Card Reader (Optional)							
MSR	3 Track (T-DES/DUKPT(Optional))	3 Track (T-DES/DUKPT(Optional))	3 Track (T-DES/DUKPT(Optional))	3 Track (T-DES/DUKPT(Optional))	3 Track (T-DES/DUKPT(Optional))	3 Track (T-DES/DUKPT(Optional))	3 Track (T-DES/DUKPT(Optional))

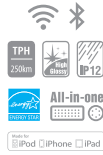


	SLP-TX400	SLP-T400	SLP-TX420
Print Characteristics			
Print Method	Thermal Transfer, Direct Thermal	Thermal Transfer, Direct Thermal	Thermal Transfer, Direct Thermal
Print Speed	SLP-TX400: Up to 7 ips (178 mm/sec) SLP-TX403: Up to 5 ips (127 mm/sec)	SLP-T400: Up to 6 ips (152 mm/sec) SLP-T403: Up to 4 ips (100 mm/sec)	SLP-TX420: Up to 7 ips (178 mm/sec) SLP-TX423: Up to 5 ips (127 mm/sec)
Print Resolution	SLP-TX400: 203 dpi, SLP-TX403: 300 dpi	SLP-T400: 203 dpi, SLP-T403: 300 dpi	SLP-TX420: 203 dpi, SLP-TX423: 300 dpi
Print Width	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
Print Length	6 ~ 1000 mm	6 ~ 1000 mm	6 ~ 2000 mm
Sensor	Transmissive, Reflective (Adjustable), Ribbon-End, Head open	Transmissive, Reflective (Adjustable), Ribbon-End, Head open	Transmissive, Reflective (Adjustable), Ribbon-End, Head open
Media Characteristics			
Media Type	Gap, Black Mark, Notch, Continuous, Fan-Fold	Gap, Black Mark, Notch, Continuous, Fan-Fold	Gap, Black Mark, Notch, Continuous, Fan-Fold
Media Width	25 ~ 116 mm	15 ~ 116 mm	20 ~ 110 mm
Media Roll Diameter	Up to 130 mm	Up to 130 mm	Up to 130 mm
Media Thickness	0.06 ~ 0.20 mm	0.06 ~ 0.20 mm	0.06 ~ 0.20 mm
Supply Method	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading
Ribbon Characteristics			
Ribbon Type	Wax, Wax/Resin, Resin, Outside	Wax, Wax/Resin, Resin, Outside	Wax, Wax/Resin, Resin, Outside
Ribbon Width	33 ~ 110 mm	33 ~ 110 mm	110 mm
Ribbon Length	Up to 300 m	Up to 300 m	Up to 74 m
Core Inner Diameter	25.4 mm, 12.5 mm	25.4 mm, 12.5 mm	12.5 mm
Physical Characteristics			
Dimensions (W x L x H)	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)
Weight	2.85 kg (6.28 lbs.)	2.75 kg (6.06 lbs.)	2.35 kg (5.18 lbs.)
Power	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
Performance Characteristics			
Memory	64MB SDRAM, 128MB FlashROM	8MB SDRAM, 2MB FlashROM	64MB SDRAM, 128MB FlashROM
Interface	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* USB + WLAN* + Bluetooth** * WLAN: 802.11b/g/n USB dongle type (Optional) ** Bluetooth: Built-in type, MFi iAP2 certified (Consensus required)
Environment Characteristics			
Temperature	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)
Humidity	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			
Emulation	SLCS, BPL-Z™, BPL-E™	SLCS, BPL-Z™, BPL-E™	SLCS, BPL-Z™, BPL-E™
Driver / Utility	Windows Driver (Euro Plus/Seagull), Linux / Mac CUPS Driver, Virtual COM USB/Ethernet Driver, Utility Program, Label Artist™	Windows Driver, Linux / Mac CUPS Driver, Virtual COM USB/Ethernet Driver, Utility Program, Label Artist™	Windows Driver (Euro Plus/Seagull), Linux / Mac CUPS Driver, Virtual COM USB/Ethernet Driver, Utility Program, Label Artist™
SDK	Android SDK, Windows SDK	Android SDK, Windows SDK	Android SDK, iOS SDK, Windows SDK
Fonts / Graphics / Symbolologies			
Fonts	10 SLCS Resident Bitmap Fonts - One SLCS Resident Scalable Font 16 BPL-Z™ Resident Bitmap Fonts - One BPL-Z™ Resident Scalable Font 5 BPL-E™ Resident Bitmap Fonts 23 Code Page - Unicode supported (UTF-8, UTF-16LE, UTF-16BE)	10 SLCS Resident Bitmap Fonts - One SLCS Resident Scalable Font 23 Code Page	10 SLCS Resident Bitmap Fonts - One SLCS Resident Scalable Font 16 BPL-Z™ Resident Bitmap Fonts - One BPL-Z™ Resident Scalable Font 5 BPL-E™ Resident Bitmap Fonts 23 Code Page - Unicode supported (UTF-8, UTF-16LE, UTF-16BE)
Graphics	Supporting user-defined fonts, graphics, formats, and logos	Supporting user-defined fonts, graphics, formats, and logos	Supporting user-defined fonts, graphics, formats, and logos
Barcode Symbolologies	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, TLC 39	1D: Code Bar, 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, Code 49, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR code, TLC 39
Options			
Options	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), Bluetooth(Built-in type), External Paper Supply

LABEL PRINTERS



SLP-DX420	SLP-DX220	SLP-DL410	SRP-770II
Print Characteristics			
Direct Thermal	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)	SLP-DL410: Up to 5 ips (127 mm/sec) SLP-DL413: Up to 5 ips (127 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	SLP-DL410: 203 dpi, SLP-DL413: 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	SLP-DL410: Up to 108 mm, SLP-DL413: Up to 105.7 mm	Up to 104 mm
6 ~ 1000 mm	6 ~ 2000 mm	6 ~ 2000 mm	6 ~ 304 mm
Transmissive, Reflective (Adjustable), Head open	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	Gap, Black Mark, Notch, Continuous, Fan-Fold
20 ~ 110 mm	15 ~ 60 mm	25 ~ 116 mm	42 ~ 106 mm
Up to 130 mm	Up to 130 mm	External roll media options up to Ø 150 mm to 205 mm	Up to 130 mm
0.06 ~ 0.20 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)	177 x 150 x 148.5 mm (6.97 x 5.91 x 5.85 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.)	1.6 kg (3.53 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	EnergyStar Certified, Internal 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	64MB SDRAM, 128MB FlashROM	512KB SDRAM, 2MB FlashROM
All-In-One Interface Standard: USB + Serial + Parallel Optional: USB + Serial + Ethernet+WLAN* USB + WLAN* + Bluetooth**	Dual Interface Standard: USB + Serial Optional: USB + Ethernet + WLAN* USB + WLAN* + Bluetooth**	Standard: USB + WALN* Optional: USB + Ethernet + WLAN* USB + Ethernet + WLAN* + Bluetooth** USB + WLAN* + Bluetooth**	Triple Interface USB + Serial + Parallel
* WLAN: 802.11b/g/n USB dongle type (Optional)	* WLAN: 802.11b/g/n USB dongle type (Optional)	* WLAN: 802.11b/g/n USB dongle type (Optional)	
** Bluetooth: Built-in type, MFi iAP2 certified (Consensus required)	** Bluetooth: Built-in type, MFi iAP2 certified	** Bluetooth: Built-in type, MFi iAP2 certified (Consensus required)	
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: 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	Operating: 10 ~ 80% RH, Storage: 10 ~ 90% RH
Software			
SLCS, BPL-Z™, BPL-E™	SLCS, BPL-Z™, BPL-E™	SLCS, BPL-Z™, BPL-E™	SLCS, BPL-Z™, BPL-E™
Windows Driver (Euro Plus/Seagull), OPOS Driver, Linux / Mac CUPS Driver, Virtual COM USB/Ethernet Driver, Utility Program, Label Artist™	Windows Driver (Euro Plus/Seagull), OPOS Driver, Linux / Mac CUPS Driver, Virtual COM USB/Ethernet Driver, Utility Program, Label Artist™	Windows Driver (Euro Plus/Seagull), Linux / Mac CUPS Driver, Virtual COM USB/Ethernet Driver, Utility Program, Label Artist™	Windows Driver, Linux / Mac CUPS Driver, Virtual COM USB/Ethernet Driver, Utility Program, Label Artist™
Android SDK, iOS SDK, Windows SDK	Android SDK, iOS SDK, Windows SDK	Android SDK, iOS SDK, Windows SDK	Android SDK, Windows SDK
Fonts / Graphics / Symbolologies			
10 SLCS Resident Bitmap Fonts - One SLCS Resident Scalable Font 16 BPL-Z™ Resident Bitmap Fonts - One BPL-Z™ Resident Scalable Font 5 BPL-E™ Resident Bitmap Fonts 23 Code Page - Unicode supported (UTF-8, UTF-16LE, UTF-16BE)	10 SLCS Resident Bitmap Fonts - One SLCS Resident Scalable Font 16 BPL-Z™ Resident Bitmap Fonts - One BPL-Z™ Resident Scalable Font 5 BPL-E™ Resident Bitmap Fonts 23 Code Page - Unicode supported (UTF-8, UTF-16LE, UTF-16BE)	10 SLCS Resident Bitmap Fonts - One SLCS Resident Scalable Font 16 BPL-Z™ Resident Bitmap Fonts - One BPL-Z™ Resident Scalable Font 5 BPL-E™ Resident Bitmap Fonts 23 Code Page - Unicode supported (UTF-8, UTF-16LE, UTF-16BE)	10 SLCS Resident Bitmap Fonts - One SLCS Resident Scalable Font 23 Code Page
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
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, TLC 39	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 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, TLC 39	1D: Coda Bar, Code39, Code93, 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), Bluetooth(Built-in type), External Paper Supply	Ethernet, WLAN (USB dongle type), Peeler, Auto Cutter, RTC (Real Time Clock), Bluetooth (Built-in type)	Ethernet, WLAN (USB dongle type), Peeler, Auto Cutter, RTC (Real Time Clock), Bluetooth(Built-in type), External Paper Supply, External Power Adaptor	Auto Cutter



	SRP-F310II	SRP-380	SRP-350plusIII	SRP-350III
Print Characteristics				
Print Method	Direct Thermal (Front Exit)	Direct Thermal	Direct Thermal	Direct Thermal
Print Speed	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
Print Resolution	SRP-F310II: 180 dpi (512dots) SRP-F312II: 203 dpi (576dots) SRP-F313II: 203 dpi (640dots)	SRP-380: 180 dpi SRP-382: 203 dpi	SRP-350plusIII: 180 dpi SRP-352plusIII: 203 dpi	SRP-350III: 180 dpi SRP-352III: 203 dpi
Print Width	SRP-F310II: Up to 72 mm SRP-F312II: Up to 72 mm SRP-F313II: Up to 80 mm	Up to 72 mm	Up to 72 mm	Up to 72 mm
Sensor	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
Media Characteristics				
Media Type	Receipt	Receipt	Receipt	Receipt
Media Width	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)
Media Roll Diameter	Up to 105 mm	Up to 83 mm	Up to 83 mm	Up to 83 mm
Media Thickness	0.062 ~ 0.075 mm	0.062 ~ 0.075 mm	0.062 ~ 0.075 mm	0.062 ~ 0.075 mm
Supply Method	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading
Physical Characteristics				
Dimensions (W x L x H)	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)
Weight	2.00 kg (4.40 lbs.)	1.56 kg (3.43 lbs)	1.56 kg (3.43 lbs)	1.55kg (3.41 lbs)
Power	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
Drawer Port	2 ports (via y-type adaptor)	2 ports (via y-type adaptor)	2 ports (via y-type adaptor)	2 ports (via y-type adaptor)
Performance Characteristics				
Memory	64 Mbit SDRAM, 32 Mbit FlashROM	128 Mbit SDRAM, 64 Mbit FlashROM	64 Mbit SDRAM, 32 Mbit FlashROM	64 Mbit SDRAM, 32 Mbit FlashROM
NV Image Memory	768 Kbytes (Mono)	768 Kbytes (mono)	768 Kbytes (Mono)	256 Kbytes (Mono)
Receive Buffer	4Kbytes	4 Kbytes	4 Kbytes	4 Kbytes
User Define Buffer	12Kbytes	12 Kbytes	12 Kbytes	12 Kbytes
Interface	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
Environment Characteristics				
Temperature	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)
Humidity	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
Reliability				
Thermal Print Head (TPH)	250 km ***	250 km ***	150 km	150 km
Auto Cutter	3 Million Cuts ***	3 Million Cuts ***	1.8 Million Cuts	1.8 Million Cuts
*** Specified Paper	- 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)		
Software				
Emulation	BXL / POS	BXL / POS	BXL / POS	BXL / POS
Driver / Utility	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
SDK	iOS SDK, Android SDK, Windows SDK	iOS SDK, Android SDK, Windows SDK, Windows Runtime SDK	iOS SDK, Android SDK, Windows SDK, Windows Runtime SDK	iOS SDK, Android 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	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
Characters Per Line	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
Character Sets	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
Graphics	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
Barcode Symbolologies	1D: Code Bar, Code39, Code93, Code128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: Data Matrix, PDF417, QR Code	1D: Code Bar, Code39, Code93, Code128, 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: Code Bar, Code39, Code93, Code128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: Data Matrix, PDF417, QR code	1D: Code Bar, Code39, Code93, Code128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: Data Matrix, PDF417, QR Code
Accessories				
Standard				
Optional				

POS PRINTERS



SRP-330II	STP-103III	SRP-275III	SRP-270
Print Characteristics			
Direct Thermal 220 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
SRP-330II: 180 dpi SRP-332II: 203 dpi	203 dpi	80 dpi (Horizontal) 144 dpi (Vertical)	80 dpi (Horizontal) 44 dpi (Vertical)
Up to 72 mm	Up to 48 mm	Up to 63.5 mm	Up to 63.5 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
Media Characteristics			
Receipt 80 mm, 58 mm (with 2 inch Partition)	Receipt 57.5 mm	Receipt 76.5 mm	Receipt 76.5 mm
Up to 80 mm	Up to 60 mm	Up to 83 mm	Up to 83 mm
0.062 ~ 0.075 mm	0.062 ~ 0.075 mm	0.06 ~ 0.085 mm	0.06 ~ 0.085 mm
Easy Paper Loading	Easy Paper Loading	Easy Paper Loading	Easy Paper Loading
Physical Characteristics			
145 x 198 x 146 mm (5.72 x 7.79 x 5.74 inch)	116 x 180 x 90 mm (4.56 x 7.08 x 3.54 inch)	160 x 239 x 157 mm (6.29 x 9.40 x 6.18 inch)	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)
1.37 kg (3.02 lbs.)	450 g (0.99 lbs.)	A: 2.4 kg (5.29 lbs.) C: 2.5 kg (5.51 lbs.)	2.3 kg (5.07 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
2 ports (via y-type adaptor)	2 ports (via y-type adaptor)	2 ports (via y-type adaptor)	2 ports (via y-type adaptor)
Performance Characteristics			
64 Mbit SDRAM, 32 Mbit FlashROM	64 Mbit SDRAM, 16 Mbit FlashROM	64 Mbit SDRAM, 16 Mbit FlashROM	32 Kbit SDRAM, 1 Mbit FlashROM
768 Kbytes (Mono)	256 Kbytes (Mono)	256 Kbytes (Mono)	-
4 Kbytes	64 Kbytes	64 Kbytes	4 Kbytes
12 Kbytes	12 Kbytes	64 Kbytes	17 Kbytes
Triple Interface USB V2.0 FS + Ethernet + Serial	Dual Interface USB V2.0 FS + Serial	Max. Triple Interface USB V2.0 FS + Serial + Ethernet*	USB V1.1 FS, Serial, Parallel, Ethernet
Dual Interface USB V2.0 FS + Serial / USB V2.0 FS + Parallel / USB V2.0 FS + SD	USB V2.0 FS + Parallel	USB V2.0 FS + Parallel USB V2.0 FS + Serial * DHCP enabled	
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: 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	Operating: 10 ~ 80% RH, Storage 10 ~ 90% RH
Reliability			
150 km	50 km	300 Million Dots/Wire	300 Million Dots/Wire
1.5 Million Cuts	-	1.5 Million Cuts	0.5 Million Cuts
- TFSOKS-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)			
Software			
BXL / POS	BXL / POS	BXL / POS	BXL / POS
Windows Driver, OPOS Driver, JPOS Driver, Linux CUPS Driver, Mac Driver, Virtual COM USB/Ethernet Driver, Utility Program	Windows Driver, OPOS Driver, JPOS Driver, Linux / Mac CUPS Driver, Virtual COM USB Driver, Utility Program	Windows Driver, OPOS Driver, JPOS Driver, Linux / Mac CUPS Driver, Virtual COM USB/Ethernet Driver, Utility Program	Windows Driver, OPOS Driver, Linux / Mac CUPS Driver, Virtual COM USB/Ethernet Driver, Utility Program
iOS SDK, Android SDK	Android SDK	iOS SDK, Android SDK	-
Fonts / Graphics / Symbolologies			
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: 9 x 9 Font B: 7 x 9, KOR: 17 x 9 CHN: 16 x 16	Font A: 9 x 9 Font B: 7 x 9, KOR: 17 x 9 CHN: 16 x 16
SRP-330II: - Font A: 42 Font B, C: 56 - KOR, CHN, JPN: 21	Font A: 32 Font B, C: 42 KOR, CHN, JPN: 16	Font A: 35 Font B: 40, KOR: 20 CHN: 22	Font A: 33 Font B: 40, KOR: 20 CHN: 22
SRP-332II: - Font A: 48 Font B, C: 64 - KOR, CHN, JPN: 24			
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
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
1D: Coda Bar, Code39, Code93, Code128, EAN-8, EAN-13, ITF, UPC-A, UPC-E	1D: Codabar, Code 39, Code 93, Code 128, EAN-8, EAN-13, ITF, UPC-A, UPC-E		
2D: Data Matrix, PDF417, QR Code	2D: PDF417, QR code		
Accessories			
2 inch Partition			
USB A-B Cable, External buzzer, B-Melodist	B-Melodist, External Buzzer	Wall Mount, Splash Proof Cover, Ribbon Cartridge, B-Melodist, External Buzzer	Ribbon Cartridge, B-Melodist

mPOS HARDWARE SOLUTION & PERIPHERALS



B-gate

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 AC, 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	4 Kbytes
User Define Buffer	12 Kbytes
Interface	Multiple Interface USB Host 4 ports (Include one USB charging port.) & Device 1 port (V2.0 HS) + Ethernet + Bluetooth V2.1+ EDR** / WLAN* * WLAN: 802.11b/g/n USB dongle type (optional) ** 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: Code Bar, Code 39, Code 93, Code 128, EAN-8, EAN-13, ITF, UPC-A, UPC-E 2D: Data Matrix, PDF417, QR code

Interface Card Reference

Model	On board	Serial			Parallel			S+USB		USB		Ethernet	Wireless	
		IFA-SV2	IFJ-SD	IFE-S	IFJ-S	IFA-P	IFA-SV2	IFJ-P	IFA-SU	IFA-U	IFJ-PW (Powered USB)		IFJ-Bi (Bluetooth)	IFJ-W (Wi-Fi)
SRP-270	X	●				●	●		●	●				
SRP-350/2III	USB		●		●			●				●		
SRP-350/2plusIII	USB, Ethernet		●		●			●			●		●	●
SRP-F310/2II	USB, Ethernet		●		●			●			●		●	●



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 5.0mm (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, CD5220, NCR Real Pos, PD 6000, ICD 2002
Driver	Windows Driver, OPOS Driver
SDK	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

On Board Type

Model	Interface
STP-103III	USB V2.0 FS + Serial, USB V2.0 FS + Parallel
SRP-150	USB V2.0 HS, Serial
SRP-330II	USB V2.0 FS + Ethernet + Serial, USB V2.0 FS + Serial, USB V2.0 FS + Parallel, USB V2.0 FS + SD
SRP-350IIIOBE	USB V2.0 FS + Ethernet + Bluetooth V2.1+EDR
B-Gate	USB Host 4 ports & Device 1 port (V2.0 HS) + Ethernet + Bluetooth / WLAN*
SRP-275III	USB V2.0 FS + Serial + Ethernet, USB V2.0 FS + Parallel, USB V2.0 FS + Serial

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



iOS  		Mobile Printers				Label Printers							Pos Printers & Peripherals										
		SPP-R400	SPP-R310	SPP-R200III	SPP-R210	SLP-TX400	SLP-T400	SLP-TX420	SLP-DX420	SLP-DX220	SLP-DL410	SRP-770II	SRP-F310II	SRP-380	SRP-350plusIII	SRP-350III	SRP-330II	STP-103III	SRP-275III	SRP-270	B-gate	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 10 32bit / 64 bit	●	●	●	●				●	●			●	●	●	●	●	●	●	●		●	
	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 CUPS Driver	Linux Kernel 2.6.32 and later	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
Mac Driver	Mac OS X 10.4																		●	●			
	Mac OS X 10.5, 10.6					●	●	●	●	●	●	●	●	●	●	●	●	●	●				
	Mac OS X 10.7, 10.8					●	●	●	●	●	●	●	●	●	●	●	●	●	●				
	Mac OS X 10.9					●	●	●	●	●	●	●	●	●	●	●	●	●	●				
	Mac OS X 10.10, 10.11					●	●	●	●	●	●	●	●	●	●	●	●						
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					●	●	●	●	●	●	●										●	
	Android 4.0 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 OS V7.0 later / S60 Platform only	●																					

* SDK : Software Development Kit

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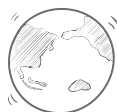
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