

# Beyond expectations





Industrial Print Engine

satoeurope.com

## Maximise productivity for 24/7 mission critical applications

# SATO, Beyond Expectations

RFID

As a pioneer, SATO's flagship print engine delivers automatic print and apply needs.

Equipped with an RFID module, SATO offers 4" and 6" solutions that can print text and barcodes on the surface of RFID tags and labels while encoding RFID data into them continuously. Printers are also capable of verifying the function of RFID tags before printing.

## **Print Engine Family**

S84-ex and S86-ex cover the needs of 4-inch or 6-inch printing applications. Direct Thermal and Thermal Transfer models available in both Right hand /Left Hand versions. Ribbon Saver model (only for TT) also available.

UHF RFID functionality for S84-ex & S86-ex.

## **Ease of Operation**

#### 2 Colour LCD and LED

The 2 colour LCD and LED help operators to easily understand the status of the printer from a significant distance from the print and apply station.

#### Face-in /Face-out **Ribbon support**

No setting change required to use either face-in and face-out ribbons



## **Auto Sensor Calibration** Function

No sensor level setting required.

# Ease of Setting, Download and Upload

- Downloadable printer settings, font and firmware via SD / USB Allows customers to set up printers easily without software tools.
- Uploadable printer buffer data and operation log via SD / USB Helps analyze print operations and trouble shooting.
- Remote Printer Setting Web Browser

SATO All-In-One Utilities



# **Fast Throughput and Print Speed**

- S84-ex/S86-ex have the best in class print speed (16 ips).
- > The new PCB increases first label print speed and overall throughput.

Comparison of printing 50 labels



# Simple Standalone Mode

Upgraded simple standalone mode provides independent operation via printer keys and display. Up to 99 label formats are possible.

# **Environmentally Friendly**

#### Ribbon Saver Model

The ribbon saver function reduces the use of thermal transfer ribbon

## Connectivity

Increased connectivity supports both legacy and future host environments

- Standard Multiple Interfaces RS232C, IEEE1284, USB and LAN
- Optional Interfaces Wireless LAN IEEE 802.11 b/g/n Bluetooth

NPN/PNP Connection

D-SUB 25 pin External Signal Interface 14pin Conversion Cable included





## Ease of Maintenance

- Print Head Replacement
- No tools required for print head replacement. Opening cable cover helps to change from both front or side.





Roller Replacement Locking slide cover allows for fast and easy replacement of rollers.





Rear service access

Convenient access to PCB, gears and power supply. The revised layout provides more room for easier maintenance to the back of the printer.



## **Standard Emulations Onboard**

- Support SZPL and SDPL
- LCD Selectable

# Multiple Language Support

### Unicode

UTF8, UTF16 | WGL4

#### Built-in Asian Font Support

Simplified Chinese | Traditional Chinese | Korean Thai | Arabic

#### Sensor Cover

Non stick surface prevents label jams and the tool-less design makes cove removal and cleaning easy.

#### Gear Box Design

Universal, one assembly gearbox supports all print resolutions and reduces inventory and simplifies the ordering process.

## **Stable Operation**

#### Strong against vibration and static

Anti vibration and static design protects the power supply and main boards. Allowing the print engine to tolerate harsh environments.

#### Reinforced belt design

The new belt and gear design reduces the belt wear and increases durability.



	Method	CATION		<b>S84-ex</b> Direct Thermal and	Thermal Transfer or Direct		6-ex	
Print Resolution			8 dots / mm (203 dpi)	12 dots / mm (305 dpi)	24 dots / mm (609 dpi)	8 dots / mm (203 dpi)	12 dots / mm (305 dpi)	
Max. Print Speed			16 ips (406.4 mm/sec)	14 ips (355.6 mm/sec)	6 ips (152.4 mm/sec)	14 ips (355.6 mm/sec)	12 ips (304.8 mm/sec)	
		Width mm (inch)		104 mm (4.1")	- F-7	167.5 m		
Max. Prir	nt Area	Length mm (inch)	2500 mm (98.43")	1500 mm (59.06")	400 mm (15.75")	2500 mm (98.43")	1249 mm (49.17")	
Processor			32-bit RISC-CPU 500MHz					
CONSU	MABLES SP		commended to use printe	r supplies manufactured o	or certified by SATO)			
Sensor T					nissive), Paper-en, Ribbon ne	ear-end/end		
Media Ty	- 1				, Synthetics and Continuous			
Media Th					15 ~ 0.31 mm (0.002" to 0.0			
		Width	13 to 131mm (0.51" to 5.16") 54 to 180 mm (2.13" to 7.09")					
	Continuous		9 to 2503 mm	9 to 1503 mm 9 to 403 mm		9 to 2503 mm 9 to 1252 mm		
Label Size		Length	(0.35" to 98.54")	(0.35" to 59.17")	(0.35" to 15.87")	(0.24" to 98.54")	(0.35" to 49.29")	
	Dispense		1	13 to 131 mm (0.51" to 5.10	5")	54 to 180 mm	(2.13" to 7.09")	
	Length		Thermal Transfer Model: 13 to 359 mm (0.51" to 14.13") / Direct Thermal Model: 18 to 359 mm (0.71" to 14.13")					
Ribbon	Width		25 mm - 128 mm (0.98" to 5.04") 59 mm to 177 mm (2.32" to 6.97")					
	Length		450 m (1476.4 ft.) when width is less than 39.5 mm (1.56") 600 m (1968.5 ft.) 600 m (1968.5 ft.)					
	Roll diameter		108 mm (4.25")					
	Core		Core diameter: Ø 25.4 mm (1")					
	Wind direction		Face-in/out, No Setting Change Required					
Ribbon Saving			Factory option (S84-ex only) None					
RFID	Javing		RFID only available on the thermal transfer model					
	/ SYMBOLO			it ib only				
FONTS /								
		Standard Bitmap	U, S, M,		KL, OCR-A, OCR-B, Chinese		KSX1001)	
Internal Fonts Encoding Downloadable fonts support		TTF Fonts	CG Times, CG Triumvirate, SATOGAMMA, SATOVICA					
		Encoding	Major Latin and Pan-European Code Pages (WGL4), GB18030 (simplified Chinese), BIG5 (traditional Chinese), KSX1001 (Korean), Thai (CP874), Arabic, UTF-8 and UTF-16BE (downloaded fonts)					
		support	Bitmap, True Type (1byte/2byte), Maximum 11.7 MB					
			Code 39, Code 93, Code 128, CODABAR (NW7), EAN8/13, GS1-DatabarTM, GS1-128(UCC/EAN128), Interleaved 2/5, Industrial 2/5					
Linear Barcode 2D Symbologies		Linear	JAN8/13, Matrix 2/5, MSI, Bookland, POSTNETTM, Bookland, UPC-A/E Intelligent Mail Barcode					
		2D Symbologies	PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, QR Code, Micro QR Code, Security QR code, Aztec Code					
Print Dire	action				and Composite Symbologie		0	
				Character data rotation: 0	°, 90°, 180°, 270° / Barcode	rotation: 0 , 90 , 160 , 270		
INTERFA	ACE CHAR/		DINTEGRATION					
		USB	USB 2.0 type-B					
			Ethernet 10/100 Mbps / DHCP / Protocol: TCP/IP, LPR, FTP, TELNET, SNTP					
		LAN			RS232C Standard (XON/XOFF, RTS/CTS)			
Standard	d Interfaces	RS232C		RS232		TS/CTS)		
Standard	d Interfaces	RS232C IEEE1284			IEEE1284			
Standard	d Interfaces	RS232C IEEE1284 EXT (I/O)		DSUB 25 pin (female) / A	IEEE1284 Imphenol 14 pin (female) co	nversion cable is attached		
	d Interfaces	RS232C IEEE1284 EXT (I/O) Wireless LAN		DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos	IEEE1284 Imphenol 14 pin (female) co switching / Security: WEP, W	nversion cable is attached /PA, WPA2, Dynamic WEP		
		RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth		DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos	IEEE1284 Amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof	nversion cable is attached /PA, WPA2, Dynamic WEP		
Optional		RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB		DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos	IEEE1284 Amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host)	nversion cable is attached /PA, WPA2, Dynamic WEP		
Optional External	l Interfaces Memory	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot		DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2.	IEEE1284 Amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC	onversion cable is attached /PA, WPA2, Dynamic WEP íile: SPP		
Optional External Supporte	l Interfaces Memory ed printer p	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot	S	DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2. tandard: SBPL (SATO Barco	IEEE1284 Amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC ode Printer Language) / Em	onversion cable is attached /PA, WPA2, Dynamic WEP file: SPP ulation Language: SZPL, SD	PL	
Optional External Supporte Remote S	l Interfaces Memory ed printer p	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot	S	DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2. tandard: SBPL (SATO Barco Web Bro	IEEE1284 Amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC ode Printer Language) / Emi wser, SATO All-in-One Print	onversion cable is attached /PA, WPA2, Dynamic WEP file: SPP ulation Language: SZPL, SD rer Utilities	PL	
Optional External Supporte Remote ! Drivers	l Interfaces Memory ed printer p Setting	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot rotocols	S	DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2. tandard: SBPL (SATO Barco Web Bro	IEEE1284 Amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC ode Printer Language) / Em	onversion cable is attached /PA, WPA2, Dynamic WEP file: SPP ulation Language: SZPL, SD rer Utilities	PL	
Optional External Supporte Remote S Drivers	l Interfaces Memory ed printer p Setting	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot	S	DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2. tandard: SBPL (SATO Barco Web Bro	IEEE1284 Amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC ode Printer Language) / Emi wser, SATO All-in-One Print	onversion cable is attached /PA, WPA2, Dynamic WEP file: SPP ulation Language: SZPL, SD rer Utilities	PL	
Optional External Supporte Remote ! Drivers OPERAT	l Interfaces Memory ed printer p Setting	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot rotocols	S	DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2. tandard: SBPL (SATO Barco Web Bro	IEEE1284 Amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC ode Printer Language) / Emi wser, SATO All-in-One Print	onversion cable is attached /PA, WPA2, Dynamic WEP file: SPP ulation Language: SZPL, SD cer Utilities OS	PL	
Optional External Supporte Remote ! Drivers OPERAT	l Interfaces Memory ed printer p Setting TING CHAR equirement	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot rotocols		DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2. tandard: SBPL (SATO Barco Web Bro	IEEE1284 amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC ode Printer Language) / Emi wser, SATO All-in-One Print Vindows, Linux, SAP, MAC ( ag Power Supply, AC100V±/	onversion cable is attached /PA, WPA2, Dynamic WEP file: SPP ulation Language: SZPL, SD eer Utilities OS AC240V±10±, 50/60Hz W245 mm (9.65″) x D417 mm	n (16.42″) x H300 mm (11.81)	
Optional External Supporte Poivers OPERAT Power Re	l Interfaces Memory ed printer p Setting TING CHAR equirement	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot rotocols	W245mm x D4 Therma	DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2. tandard: SBPL (SATO Barco Web Bro W Universal Auto-rangir 08mm x H300mm (9.65" x al Transfer Model: 13.7 kg ( Thermal Model: 12.3 kg (2	IEEE1284 amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC ode Printer Language) / Emi wser, SATO All-in-One Print Vindows, Linux, SAP, MAC ( ng Power Supply, AC100V±/ 16.06" x 11.81") 30.20 lbs) 7.12 lbs)	AC240V±10±, 50/60Hz W245 mm (9.65″) x D417 mm Thermal Transfe Direct Therma		
Optional External Supporte Privers OPERAT Power Re Dimensic	l Interfaces Memory ed printer p Setting <b>TING CHAR</b> equirement ons	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot rotocols	W245mm x D4 Therma	DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2. tandard: SBPL (SATO Barco Web Bro Universal Auto-rangir Universal Auto-rangir 08mm x H300mm (9.65" x al Transfer Model: 13.7 kg (2 Thermal Model: 12.3 kg (2 -5° – 40 °C	IEEE1284 Amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC ode Printer Language) / Emi wser, SATO All-in-One Print Windows, Linux, SAP, MAC ( 10 10 10 10 10 10 10 10 10 10	onversion cable is attached /PA, WPA2, Dynamic WEP file: SPP ulation Language: SZPL, SD ter Utilities OS AC240V±10±, 50/60Hz W245 mm (9.65") x D417 mm Thermal Transfe Direct Therma andensation)	n (16.42″) x H300 mm (11.81 er Model: 15.1 kg	
Optional External Supporte Porvers OPERAT Power Re Dimensic Weight Environn	l Interfaces Memory ed printer p Setting <b>TING CHAR</b> equirement ons	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot rotocols	W245mm x D4 Therma Direct	DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2. tandard: SBPL (SATO Barco Web Bro Universal Auto-rangir 08mm x H300mm (9.65" x al Transfer Model: 13.7 kg (2 Thermal Model: 12.3 kg (2 -5° – 40 °C -20 – 60 °C	IEEE1284 Amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC ode Printer Language) / Emi wser, SATO All-in-One Print Vindows, Linux, SAP, MAC ( ag Power Supply, AC100V±/ 16.06" x 11.81") 30.20 lbs) 7.12 lbs) 7.15 – 80 % RH (without co C / 15 – 90 % RH (without co	AC240V±10±, 50/60Hz W245 mm (9.65″) x D417 mm Thermal Transfe Direct Therma	n (16.42″) x H300 mm (11.81 er Model: 15.1 kg I Model: 13.6 kg	
Optional External Supporte Remote 9 Drivers <b>OPERAT</b> Power Re Dimensic Weight Environn Display F	l Interfaces Memory ed printer p Setting <b>TING CHAR</b> equirement ons nent	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot rotocols	W245mm x D4 Therma Direct	DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2. tandard: SBPL (SATO Barco Web Bro Universal Auto-rangir 08mm x H300mm (9.65" x al Transfer Model: 13.7 kg (2 Thermal Model: 12.3 kg (2 -5° – 40 °C -20 – 60 °C	IEEE1284 Amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC ode Printer Language) / Emi wser, SATO All-in-One Print Windows, Linux, SAP, MAC ( 10 10 10 10 10 10 10 10 10 10	AC240V±10±, 50/60Hz W245 mm (9.65″) x D417 mm Thermal Transfe Direct Therma	n (16.42″) x H300 mm (11.81 er Model: 15.1 kg I Model: 13.6 kg	
Optional External Supporte Porvers OPERAT Power Re Dimensic Weight Environn Display F MISCELI	l Interfaces Memory ed printer p Setting TING CHAR equirement ons nent Panel LANEOUS	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot rotocols ACTERISTICS s Operating Storage	W245mm x D4 Therma Direct Graph	DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2. tandard: SBPL (SATO Barco Web Bro W Universal Auto-rangin 08mm x H300mm (9.65" x al Transfer Model: 13.7 kg (2 Thermal Model: 12.3 kg (2 -5° – 40 °C -20 – 60 °C	IEEE1284 Amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC ode Printer Language) / Emi wser, SATO All-in-One Print Vindows, Linux, SAP, MAC ( ag Power Supply, AC100V±/ 16.06" x 11.81") 30.20 lbs) 7.12 lbs) 7.15 – 80 % RH (without co C / 15 – 90 % RH (without co	onversion cable is attached /PA, WPA2, Dynamic WEP file: SPP ulation Language: SZPL, SD eer Utilities OS AC240V±10±, 50/60Hz W245 mm (9.65") x D417 mn Thermal Transfe Direct Therma undensation) ondensation) ondensation)	n (16.42″) x H300 mm (11.81 er Model: 15.1 kg I Model: 13.6 kg chable)	
Optional External Supporte Remote S Drivers OPERAT Power Re Dimensic Weight Environn Display F MISCELI Standard	I Interfaces Memory ed printer p Setting TING CHAR equirement ons nent Panel LANEOUS ds & Agency	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot rotocols ACTERISTICS s Operating Storage	W245mm x D4 Therma Direct Graph IEC 60950, CE Marking	DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2. tandard: SBPL (SATO Barco Web Bro W Universal Auto-rangin Universal Auto-ran	IEEE1284 amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC ode Printer Language) / Emi wser, SATO All-in-One Print Vindows, Linux, SAP, MAC ( ag Power Supply, AC100V±/ 16.06" x 11.81") 30.20 lbs) 7.12 lbs) 5 / 15 – 80 % RH (without co 5 x Vertical 64 dots) with ba 50950-1, CSA C22.2, EN 60° KC, ROHS compliant	onversion cable is attached /PA, WPA2, Dynamic WEP file: SPP ulation Language: SZPL, SD eer Utilities OS AC240V±10±, 50/60Hz W245 mm (9.65") x D417 mm Thermal Transfe Direct Therma ondensation) ondensation) ondensation) ondensation) ecklight (White/Orange swit	n (16.42″) x H300 mm (11.81 er Model: 15.1 kg I Model: 13.6 kg chable) 3-003, RCM, CCC, SRRC,	
Optional External Supporte Remote S Drivers OPERAT Power Re Dimensic Weight Environn Display F MISCELI Standard	l Interfaces Memory ed printer p Setting TING CHAR equirement ons nent Panel LANEOUS	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot rotocols ACTERISTICS s Operating Storage	W245mm x D4 Therma Direct Graph IEC 60950, CE Marking	DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2. tandard: SBPL (SATO Barco Web Bro W Universal Auto-rangin Universal Auto-ran	IEEE1284 amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC ode Printer Language) / Emi wser, SATO All-in-One Print Vindows, Linux, SAP, MAC ( g Power Supply, AC100V±/ 16.06" x 11.81") 30.20 lbs) 7.12 lbs) 5 / 15 – 80 % RH (without co 5 x Vertical 64 dots) with ba 50950-1, CSA C22.2, EN 60 <sup>10</sup>	onversion cable is attached /PA, WPA2, Dynamic WEP file: SPP ulation Language: SZPL, SD eer Utilities OS AC240V±10±, 50/60Hz W245 mm (9.65") x D417 mm Thermal Transfe Direct Therma ondensation) ondensation) ondensation) ondensation) ecklight (White/Orange swit	n (16.42″) x H300 mm (11.81 er Model: 15.1 kg I Model: 13.6 kg chable) 3-003, RCM, CCC, SRRC,	
Optional External Supporte Remote 9 Drivers OPERAT Power Re Dimensic Weight Environm Display F MISCELL Standard Function	l Interfaces Memory ed printer p Setting <b>TING CHAR</b> equirement ons nent Panel LANEOUS ds & Agency us – Useful f	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot rotocols ACTERISTICS s Operating Storage	W245mm x D4 Therma Direct Graph IEC 60950, CE Marking Simple Standalone Mode	DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2. tandard: SBPL (SATO Barco Web Bro W Universal Auto-rangin Universal Auto-ran	IEEE1284 amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC ode Printer Language) / Emi wser, SATO All-in-One Print Vindows, Linux, SAP, MAC ( ag Power Supply, AC100V±/ 16.06" x 11.81") 30.20 lbs) 7.12 lbs) 5 / 15 – 80 % RH (without co 5 x Vertical 64 dots) with ba 50950-1, CSA C22.2, EN 60° KC, ROHS compliant	onversion cable is attached /PA, WPA2, Dynamic WEP file: SPP ulation Language: SZPL, SD rer Utilities OS AC240V±10±, 50/60Hz W245 mm (9.65") x D417 mm Thermal Transfe Direct Thermal ondensation) ondensation) ondensation) ondensation) ondensation) ondensation) ondensation) ondensotion) ondens	n (16.42″) x H300 mm (11.81 er Model: 15.1 kg I Model: 13.6 kg chable) 3-003, RCM, CCC, SRRC, or data copy, Status retur	
Optional External Supporte Remote 9 Drivers <b>OPERAT</b> Power Re Dimensic Weight Environn Display F <b>MISCELI</b> Standard Function	l Interfaces Memory ed printer p Setting <b>TING CHAR</b> equirement ons nent Panel LANEOUS ds & Agency us – Useful f	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot SD card slot SD card slot Coperating Storage Storage	W245mm x D4 Therma Direct Graph IEC 60950, CE Marking Simple Standalone Mode Thermal	DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2. tandard: SBPL (SATO Barco Web Bro Universal Auto-rangin Universal Auto-rangi	IEEE1284 amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC ode Printer Language) / Emi wser, SATO All-in-One Print Vindows, Linux, SAP, MAC (20 and Printer Language) / Emi solows, Linux, SAP, MAC (20 and Printer Language) / Emi s	AC240V±10±, 50/60Hz W245 mm (9.65") x D417 mm Thermal Transfe Direct Therma andensation) Mcklight (White/Orange swit 950-1, FCC, ICES-003, NME , USB Memory or SD card fo ft detection, Auto Sensor C	n (16.42″) x H300 mm (11.81 er Model: 15.1 kg I Model: 13.6 kg chable) 8-003, RCM, CCC, SRRC, or data copy, Status retur calibration	
Optional External Supporte Remote S Drivers <b>OPERAT</b> Power Re Dimensic Weight Environn Display F MISCELI Standard Function Function	l Interfaces Memory ed printer p Setting <b>TING CHAR</b> equirement ons nent Panel LANEOUS ds & Agency us – Useful f	RS232C IEEE1284 EXT (I/O) Wireless LAN Bluetooth USB SD card slot rotocols ACTERISTICS s operating Storage / Approvals eatures guosis Checking	W245mm x D4 Therma Direct Graph IEC 60950, CE Marking Simple Standalone Mode Thermal	DSUB 25 pin (female) / A IEEE 802.11/b/g/n autos Ver.2. tandard: SBPL (SATO Barco Web Bro Universal Auto-rangin Universal Auto-rangi	IEEE1284 amphenol 14 pin (female) co switching / Security: WEP, W 0+EDR Class 2 (10 m) / Prof USB type-A (USB Host) SD/SDHC ode Printer Language) / Emi wser, SATO All-in-One Print Windows, Linux, SAP, MAC (20 and Printer Language) / Emi wser, SATO All-in-One Print Windows, Linux, SAP, MAC (20 and Printer Language) / Emi solution (20)	AC240V±10±, 50/60Hz W245 mm (9.65") x D417 mm Thermal Transfe Direct Therma andensation) Mcklight (White/Orange swit 950-1, FCC, ICES-003, NME , USB Memory or SD card fo ft detection, Auto Sensor C	n (16.42″) x H300 mm (11.81 er Model: 15.1 kg I Model: 13.6 kg chable) 8-003, RCM, CCC, SRRC, or data copy, Status return calibration	

All information in this leaflet is accurate as of 2021 May. Product specifications are subject to change without notice. Any unauthorized reproduction of the contents of this leaflet, in part or whole, is strictly prohibited. All other software, product or company names are trademarks or registered trademarks of their respective owners.