Technical Information

PRINTING SPECIFICATION			CL4NX Plus			CL6NX Plus				
Printing Method			Direct Thermal / Thermal Transfer							
Print Mode		Continuous, Tear-off, Cutter, Dispenser, Linerless								
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			14 ips (355 mm/sec)	14 ips (355 mm/sec)	6 ips (152 mm/sec)	10 ips (254 mm/sec)	8 ips (203 mm/sec)			
Max. Print Area	Width, mm (inch)		104mm (4.09")	, , , , , , , , , , , , , , , , , , , ,		Standard 152mm(5.98")/ Extension 167.5mm(6.60")	Standard 165.33mm(6.51") Extension 167.5mm(6.60")			
	Length, mm (inch)		2500mm (98.42")	1500mm (59.05")	400mm (15.75")	2500mm (98.42")	1500mm (59.05")			
Processor		Dual CPU & Dual OS: CPU1: 800MHz for Linux OS, CPU2: 800MHz for ITRON OS								
Printer Memory			CPU1: 2GB ROM, 256MB RAM	, CPU2: 4MB ROM, 64MB RAM						
CONSUMABLE SP	PECIFICATION	(Recom	mended to use consur	nables manufactured	or supplied by SATO)					
Sensor Type			I-mark Sensor (Reflective), Lal							
Media Type					tics and Continuous stock					
Media Thickness			Roll or fan-fold die cut labels, Plain paper face stock, Synthetics and Continuous stock 0.060 - 0.268mm (0.0024" - 0.011")							
	Diameter		Maximum 265mm (10.43")							
Label Shape	Diameter		Core diameter: Ø76mm (3.0"), Ø101mm (4.0")							
	Wind Direction		Face In / Face Out. No Setting Change Required							
Label Size (Without Liner)	Continuous Tear-Off / Cutter	Width	22 - 128mm (0.87" - 5.04")	22 - 128mm (0.87" - 5.04")	22 - 128mm (0.87" - 5.04")	47 - 177mm (1.85" - 6.97")	47 - 177mm (1.85" - 6.97")			
		Length	6 - 2497mm (0.24" - 98.30")	6 - 1497mm (0.24" - 58.94")	6 - 397mm (0.24" - 15.63")	6 - 2497mm (0.24" - 98.30")	6 - 1497mm (0.24" - 58.94")			
		Width	22 - 128mm (0.87" - 5.04")	22 - 128mm (0.87" - 5.04")	22 - 128mm (0.87" - 5.04")	47 - 177mm (1.85" - 6.97")	47 - 177mm (1.85" - 6.97")			
		Length	17 - 2497mm (0.67" - 98.30")	17 - 1497mm (0.67" - 58.94")	17 - 397mm (0.67" - 15.63")	17 - 2497mm (0.67" - 98.30")	17 - 1497mm (0.67" - 58.94")			
	Dispenser	Width	22 - 128mm (0.87" - 5.04")	22 - 128mm (0.87" - 5.04")	22 - 128mm (0.87" - 5.04")	47 - 177mm (1.85" - 6.97")	47 - 177mm (1.85" - 6.97")			
	Disperiser	Length	10 - 397mm (0.39" - 15.63")*1	10 - 397mm (0.39" - 15.63")*1	10 - 397mm (0.39" - 15.63")*1	10 - 397mm (0.39" - 15.63")*1	10 - 397mm (0.39" - 15.63")*1			
	Linerless	Width	60 - 118mm (2.36" - 4.65")	60 - 118mm (2.36" - 4.65")	60 - 118mm (2.36" - 4.65")					
		Length	30 - 120mm (1.18" - 4.72")	30 - 120mm (1.18" - 4.72")	30 - 120mm (1.18" - 4.72")		-			
	Size			450m (1476.4') when ribbon w		Max. Length: 600m (1968.5'), I				
Ribbon				5"), Ribbon width: 39.5mm (1.		Ribbon width: 59mm (2.32") t	o 177mm (6.97")			
	Other		Core diameter: Ø25.4mm (1")	, Wind direction : Face In/ Face	Out, No Setting Change Requ	uired				
FONTS / SYMBOLO	OGIES									
Internal Fonts	Standard Bitmap		U, S, M, WB, WL, XS, XU, XM, XB, XL, X20, X21, X22, X23, X24, OCR-A, OCR-B							
	Scalable Fonts		30 SATO Fonts, 2 Outline Fonts							
	Encoding		Major Latin and Pan-European Code Pages (WGL4), GB18030 (simplified), KSX1001 (Korean), BIG5 (traditional), JIS, SHIFT-JIS,							
			UTF-8 and UTF-16BE also supported							
Barcode	Linear		UPC-A/UPC-E, JAN/EAN-13/8, CODE39, CODE38, GSD-128(UCC/EAN128), CODABAR(NW-7), ITF, Industrial 2 of 5, Matrix 2 of 5, MSI, POSTNET, UPC add-on code, BOOKLAND, USPS code, GS1 DataBar Omnidirectional, GS1 DataBar Truncated, GS1 DataBar Stacked,							
			MSI, FOSINET, FOR GUEDING MODERNING, OST DATABAY COMMINICATION OF THE METERS OF THE ME							
	2D Symbologies		QR Code, Micro QR Code, PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, Data Matrix (ECC200), Aztec Code, GS1QR Code and Composite Symbologie							
Print Direction			Character data rotation: 0°, 90°, 180°, 270°							
User Downloadable Font	ts, Graphics or Forr	mats	Maximum 100MB	<u> </u>						
INTERFACE CHARA	ACTERISTICS	AND IN	TEGRATION							
				(IPv4/v6) RS232C IFFF1284	EXT NEC					
Standard Interfaces			USB 2.0 (Type A & B), Ethernet (IPv4/v6), RS232C, IEEE1284, EXT, NFC Wireless LAN, WiFi Certified, WiFi Direct, IEEE 802.11 a/b/g/n Dual Band (2.4GHz, 5GHz), Bluetooth Ver. 3.0 *2							
Standard Interfaces Optional Interface			Wireless AN. WiFi (ertified, V	ViFi Direct. IEEE 802.11 a/b/g/n	Dual Band (2.4GHz, 5GHz), F					
Optional Interface Remote Access				VIFI Direct, IEEE 802.11 a/b/g/n	Dual Band (2.4GHz, 5GHz), E	sluetooth ver. 3.0				
Optional Interface Remote Access	cols		SNMP Ver.3, HTTPs							
Optional Interface Remote Access Supported printer proto			SNMP Ver.3, HTTPs	e Printer Language), Emulation						
Optional Interface Remote Access Supported printer proto OPERATING CHAR			SNMP Ver.3, HTTPs Standard: SBPL (SATO Barcod	e Printer Language), Emulation	n Language: Auto detect - SZF					
Optional Interface Remote Access Supported printer proto OPERATING CHAR	RACTERISTICS		SNMP Ver.3, HTTPs Standard: SBPL (SATO Barcod AC100V ~ AC240V±10%, 50/6	e Printer Language), Emulation o Hz, Auto-ranging Power Sup	n Language: Auto detect - SZF					
Optional Interface Remote Access Supported printer proto OPERATING CHAR Power Requirements	RACTERISTICS Operating		SNMP Ver.3, HTTPs Standard: SBPL (SATO Barcod AC100V ~ AC240V±10%, 50/6 0 - 40°C / 30 - 80% RH (withou	e Printer Language), Emulation io Hz, Auto-ranging Power Sur ut condensation)	n Language: Auto detect - SZF					
Optional Interface Remote Access Supported printer proto OPERATING CHAR	Operating Operating Linerle		SNMP Ver.3, HTTPs Standard: SBPL (SATO Barcod AC100V ~ AC240V±10%, 50/6 0 - 40°C / 30 - 80% RH (withou 5 - 35°C / 30 - 75% RH (withou	e Printer Language), Emulation 60 Hz, Auto-ranging Power Sur at condensation) ut condensation)	n Language: Auto detect - SZF		-			
Optional Interface Remote Access Supported printer proto OPERATING CHAR Power Requirements Environment	RACTERISTICS Operating		SNMP Ver.3, HTTPs Standard: SBPL (SATO Barcod AC100V ~ AC240V±10%, 50/6 0 - 40°C / 30 - 80% RH (withou 5 - 35°C / 30 - 75% RH (withou -20 - 60°C / 30 - 90% RH (withou	e Printer Language), Emulation 00 Hz, Auto-ranging Power Sup at condensation) ut condensation) out condensation)	n Language: Auto detect - SZF	PL, SDPL, SIPL, STCL, SEPL	 :.00") × 321mm (12 64")			
Optional Interface Remote Access Supported printer proto OPERATING CHAR Power Requirements Environment Dimensions	Operating Operating Linerle		SNMP Ver.3, HTTPs Standard: SBPL (SATO Barcod AC100V ~ AC240V±10%, 50/6 0 - 40°C / 30 - 80% RH (withou 5 - 35°C / 30 - 75% RH (withou -20 - 60°C / 30 - 90% RH (withou 271mm (10.67") × 457mm (18	e Printer Language), Emulation 00 Hz, Auto-ranging Power Sup at condensation) ut condensation) out condensation)	n Language: Auto detect - SZF	PL, SDPL, SIPL, STCL, SEPL 338mm (13.30") × 478mm (18	 1.00") × 321mm (12.64")			
Optional Interface Remote Access Supported printer proto OPERATING CHAR Power Requirements Environment Dimensions Weight	Operating Operating Linerle		SNMP Ver.3, HTTPs Standard: SBPL (SATO Barcod AC100V ~ AC240V±10%, 50/6 0 - 40°C / 30 - 80% RH (withou 5 - 35°C / 30 - 75% RH (withou -20 - 60°C / 30 - 90% RH (withou 271mm (10.67") × 457mm (18 15.1kg (33.28 lbs)	e Printer Language), Emulation 60 Hz, Auto-ranging Power Sup at condensation) at condensation) out condensation) out condensation) 8.00") × 321mm (12.64")	n Language: Auto detect - SZF	PL, SDPL, SIPL, STCL, SEPL	 1.00") × 321mm (12.64")			
Optional Interface Remote Access Supported printer proto OPERATING CHAR Power Requirements Environment Dimensions Weight Display Panel	Operating Operating Linerly Storage		SNMP Ver.3, HTTPs Standard: SBPL (SATO Barcod AC100V ~ AC240V±10%, 50/6 0 - 40°C / 30 - 80% RH (withou 5 - 35°C / 30 - 75% RH (withou -20 - 60°C / 30 - 90% RH (withou 271mm (10.67") × 457mm (18	e Printer Language), Emulation 60 Hz, Auto-ranging Power Sup at condensation) at condensation) out condensation) out condensation) 8.00") × 321mm (12.64")	n Language: Auto detect - SZF	PL, SDPL, SIPL, STCL, SEPL 338mm (13.30") × 478mm (18				
Optional Interface Remote Access Supported printer proto OPERATING CHAR Power Requirements Environment Dimensions Weight Display Panel MISCELLANEOUS	Operating Operating Linerly Storage		SNMP Ver.3, HTTPs Standard: SBPL (SATO Barcod AC100V ~ AC240V±10%, 50/6 0 - 40°C / 30 - 80% RH (withou 5 - 35°C / 30 - 75% RH (withou -20 - 60°C / 30 - 90% RH (withou 271mm (10.67") × 457mm (18 15.1kg (33.28 lbs) TFT Full Color LCD, 3.5"(320 x	e Printer Language), Emulation 60 Hz, Auto-ranging Power Sup at condensation) at condensation) out condensation) 6.00") × 321mm (12.64")	n Language: Auto detect - SZF	PL, SDPL, SIPL, STCL, SEPL 338mm (13.30") × 478mm (18 21.4kg (47.18 lbs)	– 1.00") × 321mm (12.64")			
Optional Interface Remote Access Supported printer proto OPERATING CHAR Power Requirements Environment Dimensions Weight Display Panel MISCELLANEOUS	Operating Operating Linerly Storage		SNMP Ver.3, HTTPs Standard: SBPL (SATO Barcod AC100V ~ AC240V±10%, 50/6 0 - 40°C / 30 - 80% RH (withou 5 - 35°C / 30 - 75% RH (withou -20 - 60°C / 30 - 90% RH (withou 271mm (10.67") × 457mm (18 15.1kg (33.28 lbs) TFT Full Color LCD, 3.5"(320 x	e Printer Language), Emulation 10 Hz, Auto-ranging Power Suput condensation) 11 tondensation) 12 tondensation) 13 tondensation) 14 tondensation) 15 tondensation) 16 tondensation) 17 tondensation) 18 tondensation) 18 tondensation) 19 tondensation	n Language: Auto detect - SZF oply ording agency approvals for yo	PL, SDPL, SIPL, STCL, SEPL 338mm (13.30") × 478mm (18 21.4kg (47.18 lbs)				
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Optional Interface Remote Access Supported printer proto OPERATING CHAR Power Requirements Environment Dimensions Weight Display Panel MISCELLANEOUS Standards & Agency App Functions – Useful featur Functions – Self Diagnos OPTIONS Accessories	Operating Operating Linerle Storage Orovals res sis Checking CL4NX Plus CL6NX Plus	ess	SNMP Ver.3, HTTPs Standard: SBPL (SATO Barcod AC100V ~ AC240V±10%, 50/6 0 -40°C / 30 - 80% RH (withou -20 -60°C / 30 - 90% RH (withou -20 -60°C / 30 - 90% RH (withou 15.1kg (33.28 lbs) TFT Full Color LCD, 3.5"(320 x Please contact your nearest S Micro Label Printing, SATO A Language Support LCD Messtatus Return, Alarm Sound Thermal head check, Paper er Cutter, Linerless Cutter, Dispe External Cover, UHF RFID kit,	e Printer Language), Emulation 10 Hz, Auto-ranging Power Sup 11 condensation) 12 condensation) 13 condensation) 14 condensation) 15 condensation) 16 condensation) 17 condensation 18 condensation 19 condensation 19 condensation 19 condensation 240 RGB) 19 condensation 240 RGB) 10 condensation 240 RGB) 10 condensation 240 RGB) 11 condensation 12 condensation 13 condensation 14 condensation 15 condensation 16 condensation 16 condensation 17 condensation 18 cond	rding agency approvals for yo ATO Online Services, 18 User Saving, Large Status LED, Mu ection, Test print, Head lift det	PL, SDPL, SIPL, STCL, SEPL 338mm (13.30") × 478mm (18 21.4kg (47.18 lbs) ur region Guidance Videos on LCD, Spaelltiple Interfaces-Auto-Switching	ce for Customized Videos, Mul ig, USB Memory for Data Cop ecker Stand, External Rewindo			
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Optional Interface Remote Access Supported printer proto OPERATING CHAR Power Requirements Environment Dimensions Weight Display Panel MISCELLANEOUS Standards & Agency App Functions – Useful featur Functions – Self Diagnos OPTIONS Accessories	Operating Operating Linerle Storage Orovals res sis Checking CL4NX Plus CL6NX Plus ON (Optional)	ess	SNMP Ver.3, HTTPs Standard: SBPL (SATO Barcod AC100V ~ AC240V±10%, 50/6 0 - 40°C / 30 - 80% RH (withou -20 - 60°C / 30 - 90% RH (withou -20 - 60°C / 30 - 90% RH (withou 271mm (10.67") × 457mm (18 15.1kg (33.28 lbs) TFT Full Color LCD, 3.5"(320 x Please contact your nearest S Micro Label Printing, SATO A Language Support LCD Mess Status Return, Alarm Sound Thermal head check, Paper ei Cutter, Linerless Cutter, Dispe External Cover, UHF RFID kit, Cutter, Dispenser with Interr UHF RFID kit UHF: ISO/IEC 18000-6 Type C 868 - 960MHz and 13.56MHz	e Printer Language), Emulation 10 Hz, Auto-ranging Power Suput condensation) 11 condensation) 12 condensation) 13 condensation) 14 condensation) 15 condensation) 16 condensation) 17 condensation) 18 condensation 18 condens	rding agency approvals for yo ATO Online Services, 18 User Saving, Large Status LED, Mu ection, Test print, Head lift det	338mm (13.30") × 478mm (18 21.4kg (47.18 lbs) ur region Guidance Videos on LCD, Spanltiple Interfaces-Auto-Switchinection	ce for Customized Videos, Mul ig, USB Memory for Data Copy ecker Stand, External Rewinde ternal Rewinder, External Cove			
Optional Interface Remote Access Supported printer proto OPERATING CHAR Power Requirements Environment Dimensions Weight Display Panel MISCELLANEOUS Standards & Agency App. Functions – Useful featur Functions – Self Diagnos OPTIONS	Operating Operating Linerle Storage Orovals res sis Checking CL4NX Plus CL6NX Plus ON (Optional) Standard	ess	SNMP Ver.3, HTTPs Standard: SBPL (SATO Barcod AC100V ~ AC240V±10%, 50/6 0 - 40°C / 30 - 80% RH (withou -20 - 60°C / 30 - 90% RH (withou 271mm (10.67") × 457mm (18 15.1kg (33.28 lbs) TFT Full Color LCD, 3.5"(320 x Please contact your nearest S Micro Label Printing, SATO A Language Support LCD Mess Status Return, Alarm Sound Thermal head check, Paper et Cutter, Linerless Cutter, Disp External Cover, UHF RFID kit, Cutter, Dispenser with Interr UHF RFID kit UHF: ISO/IEC 18000-6 Type C 868 - 960MHz and 13.56MHz EPC Gen 2 Class 1, NXP, Impin	e Printer Language), Emulation 10 Hz, Auto-ranging Power Sugut condensation) 11 condensation) 12 condensation) 13 condensation) 14 condensation) 15 condensation) 16 condensation) 17 condensation 18 condensa	rding agency approvals for you ATO Online Services, 18 User Saving, Large Status LED, Muection, Test print, Head lift det inder, Real-Time Clock, Wireles Clock, Wireless LAN, Bluetoo	338mm (13.30") × 478mm (18 21.4kg (47.18 lbs) ur region Guidance Videos on LCD, Span Iltiple Interfaces-Auto-Switchin ection ess LAN, Bluetooth, Barcode Ch th, Barcode Checker Stand, Ex	ce for Customized Videos, Mul gg, USB Memory for Data Copy ecker Stand, External Rewinde ternal Rewinder, External Cove			
Optional Interface Remote Access Supported printer proto OPERATING CHAR Power Requirements Environment Dimensions Weight Display Panel MISCELLANEOUS Standards & Agency App. Functions – Useful featur Functions – Self Diagnos OPTIONS Accessories RFID SPECIFICATIO	Operating Operating Linerle Storage Orovals res Sis Checking CL4NX Plus CL6NX Plus ON (Optional) Standard Frequency	ess	SNMP Ver.3, HTTPs Standard: SBPL (SATO Barcod AC100V ~ AC240V±10%, 50/6 0 - 40°C / 30 - 80% RH (withou 5 - 35°C / 30 - 75% RH (withou -20 - 60°C / 30 - 90% RH (withou -21 mm (10.67") × 457mm (18 15.1kg (33.28 lbs) TFT Full Color LCD, 3.5"(320 x Please contact your nearest S Micro Label Printing, SATO A Language Support LCD Mess Status Return, Alarm Sound Thermal head check, Paper en Cutter, Linerless Cutter, Disp External Cover, UHF RFID kit, Cutter, Dispenser with Interr UHF RFID kit UHF: ISO/IEC 18000-6 Type C 868 - 960MHz and 13.56MHz EPC Gen 2 Class 1, NXP, Impin Fully integrated UHF RFID Re verification after programmir	e Printer Language), Emulation 10 Hz, Auto-ranging Power Sup 1t condensation) 1t condensation 1t conde	rding agency approvals for yo ATO Online Services, 18 User Saving, Large Status LED, Mu extion, Test print, Head lift det inder, Real-Time Clock, Wirele Clock, Wireless LAN, Bluetoo	PL, SDPL, SIPL, STCL, SEPL 338mm (13.30") × 478mm (18 21.4kg (47.18 lbs) ur region Guidance Videos on LCD, Sparlitiple Interfaces-Auto-Switchinection ess LAN, Bluetooth, Barcode Cheth, Barcode Checker Stand, Exulation: 100% accuracy stack ta	ce for Customized Videos, Mul ig, USB Memory for Data Copy ecker Stand, External Rewinde ternal Rewinder, External Cove gs			



6 Federation Way, Chifley Business Park, Mentone VIC 3194 Australia

Tel: 1800 624 654 Fax: 03 8814 5335 Email: enquiries-aus@sato-global.com





www.satoaustralia.com



^{*1} Length of 10 to 27mm is only available for Thermal Transfer mode *2 Please contact your nearest SATO sales representative for availability

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Best-in-class Thermal Industrial Printer



AND CLANX PLUS

Designed for track and trace operations globally

With our extensive experience in providing solutions to serve customers' on-site needs, we are proud to introduce CL4/6NX Plus.

The industry's leading 4-inch and 6-inch industrial thermal printer designed to meet the requirements of mid-range to high-end label printing environments.





The printer model to optimise your RFID applications

Businesses can save labor, speed up their operations, and enjoy many advantages from using the RFID technology. RFID tags/labels can be read in bulk, without making contact, and their data be rewritten as often as needed. They can be used widely, for apparel tagging or asset tracking, and at factories or hospitals to manage products and work processes or medical devices and pharmaceuticals.

CL4/6NX Plus is an RFID model that can print text and barcodes on UHF, HF and NFC tags/labels, and at the same time, encode data in their embedded chips. Besides being equipped with on-screen menus that save users the trouble of adjusting antenna position manually, the printer is also capable of checking RFID chips prior to encoding to verify their readiness for use and prevent subsequent failures.

Rich in RFID capabilities and features

SATO RF Analyze (SRA) function

Optimize antenna and inlay settings automatically for fast and stable encoding. Users can find the best settings to encode RFID tags/labels when their attributes vary randomly due to lot differences or adjust write/read conditions as needed when encoding errors occur.

Function for registering commonly used settings ••• ••

Save write/read conditions for up to ten RFID tag/label types. Users can easily select and load these profiles to encode multiple media with the same printer.

Compatibility with specialty RFID tags/labels

Support the encoding of various RFID tag/label types including tags used with metals or for other special applications, with a special encoder antenna that provides output power up to 30dBm.

*Some media types may require prior testing; please contact your nearest SATO office to find out more

Key Applications

Manufacturing

Raw material to product labelling for greater traceability

Built for tough industrial use, CL4/6NX Plus helps manufacturers achieve traceability from raw materials to finished products, which is important when recalls become necessary. The printer also serves as a key component in RFID systems for managing returnable transport items (RTIs) and other factory assets.

Electronic manufacturers can leverage SATO's heat resistant labels and CL4/6NX Plus for high precision printing of micro PCB labels for their electronic products that are getting ever smaller.

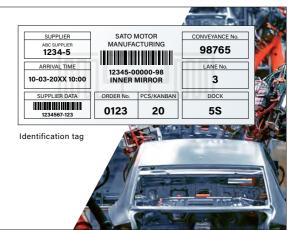


Automotive

Effective identification tagging for productivity boost

CL4/6NX Plus is ideal for automobiles and parts makers to boost efficiency and productivity.

With AEP and PDF Direct Printing, printer processes data in PDF format from PC to print, cut and sort ID tags automatically without worker intervention at high accuracy. User can also print directly from PLC to printer and easily implement same printing application at any manufacturing plants.



Retail / Apparel

Back room to in-store visibility for higher sales and customer satisfaction

Ideal for high-volume distribution label printing, CL4/6NX Plus helps prevent incorrect deliveries of goods from warehouses to stores.

Retailers can also achieve more efficient stocktaking & visibility of store inventory by re-labelling products from factories with RFID. A wide range of labels, tags, tickets for various needs from markdown to anti-tampering are available.



Transport & Logistics

Supply chain labelling for enhanced agility and visibility

Suitable for labelling across the supply chain, from goods receiving to inventory management and shipping, user can save various label templates in CL4/6NX Plus for easy selection and setup.

Printer is compatible with a wide range of labels (including special types such as 3-layer labels) used for the shipping and return of goods. It also supports high speed and volume printing to meet the demands of rising e-commerce orders.



Powered On Site / CL6NX Plus

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We meet all your printing needs with one complete solution

High print speed & precision

Offers high print precision ideal for micro label applications and 16%



14 ips at 305 dpi

faster print speed than other industrial printers even at high resolution.

0

30% more media

More media per roll and longer ribbon mean lesser downtime for

Minimal downtime

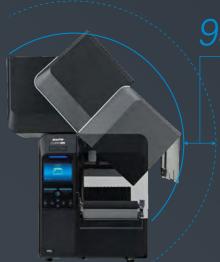


View status of all printers at a glance and perform proactive preventative maintenance before error occurs. PureLine™ platen roller provides visual indication of the degree of wear to enable



Durable & functional design

Metal casing with bi-fold cover makes printer suitable for use in industrial environments with limited space.



for greater stability and durability.



transport route. Printing position does

Intuitive operation

Enable prompt response by easily detecting operation errors with red / blue LED indicator lights. Speed up maintenance and error resolution with video guidance on full colour LCD screen.

Easy setup and maintenance

Field installable parts, snap-in print head and tool-less platen replacement simplifies setup and maintenance.







Flexibility & Connectivity

Pre-installed emulation languages

Auto detection of major emulation languages enable seamless switching from SATO legacy models or other brands to CL4/6NX Plus.



Multilingual support

Supports 47 print and 31 display languages making this model suitable for global use.



Direct connectivity to peripheral devices



AEP* enables user to directly connect printer to keyboards, weight scales, barcode scanners and more for simplified printing without need for a PC. *AEP stands for Application Enabled Printing

Multiple interfaces

Connect via multiple interfaces including serial, parallel, LAN and USB. WLAN and Bluetooth® optional kits also available.



We speak your language and integrate seamlessly into your business

Expand the scope of your label printing applications

Video

Application Enabled Printing (AEP) is a powerful printing intelligence that enables customisation of printer operations to achieve wider scope of printing applications, simplify labelling processes and reduce business costs.

Custom applications

With AEP, we can create custom standalone applications to cater to your on-site operational needs. Application can be run directly on the printer, independent of host software.

CL4/6NX Plus prints labels and displays instructions on LCD screen for operators to sort (left or right) the printed labels for further processing.



PC-less printing

Connect CL4/6NX Plus directly to barcode scanners, indicator lights, weight scales, keyboards, etc. for a wider variety of printing applications, without the need for a PC.

Input data directly using barcode scanner and numeric keypads to simplify label printing.



Direct printing from PLC

Logic Controller (PLC) to streamline label printing by eliminating the need for device customisation or special printer firmware



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A Daily Checkup

E Asset management Add printer Clone application B Dashboard (1) Logout

IoT solution to keep your operations running & visible



By monitoring your printers 24/7 via cloud, SATO Online Services (SOS) enables proactive preventative maintenance and helps you reduce printer downtime by as much as 86%.



Proactive preventative maintenance

Monitor printers centrally (view operation status, print mileage, expected replacement required for expendable parts, etc.) at a glance and perform preventative maintenance before issues occur. SOS send notification via email according to the situation of your printer and resolve errors immediately



Manage printers at multiple locations

Manage printer fleet such as view and change print speed, print darkness, print position and network settings efficiently from anywhere at anytime.