

V4X0T Print & Apply Labeling System

Models V420T / V430T / V460T — specification sheet

Bilingual Edition

中英对照版

产品参数介绍 Introduction of Product Parameters

型 号 Model	V420T/V430T/V460T	CPU特性 CPU characteristics	双核32位处理器 32-bit CPU
打印宽度 Printing width	最大104mm Max 104mm	打印速度 Print speed	8英寸(inch)/秒(s) 5英寸(inch)/秒(s) 2英寸(inch)/秒(s) 203dpi 306dpi 609dpi
打印高度 Print height	10-240mm	尺寸 Dimensions	573mm(L)×405mm(W)×661mm(H)
最大介质外径 Max roll outer diameter	180mm	重量 Item Weight	21KG
介质宽度 Media web width	25-115mm	指令集 Programming language	NPL 兼容TPCL/TSPL NPL compatible with TPCL and TSPL
介质传感器 Media sensor	黑标/间隙传感器 Black line/Gap sensing	存储器 Storage	RAM:32MB FLASH:256MB
贴标性能 Labeling performance	气缸/电缸 Pneumatic/Electric	贴标尺寸 Labeling	最大宽度110mm Maximum width 110mm 最大长度200mm Maximum length 200 mm
行程 Trip	0-130mm		
贴标方式 Labeling method	拍压/刮贴 Patting/Scraping	操作方式 Operational mode	批量/单张 Batch/Label
贴标方向 Labeling direction	顶贴/侧贴 Top/Side		
操作温度 Operational temperature	-20°C - 40°C	打印头 Print head	平压式 Flat-pressed
储存温度 Storage temperature	-20°C - 60°C		
操作湿度 Operational humidity	25% 到 85% RH (无凝露) 25%-85% RH (non-condensing)	打印方式 Print mode	直热式/热转印 Direct thermal/Thermal transfer
储存湿度 Storage humidity	10% 到 90% RH (无凝露) 10%-90% RH (non-condensing)	通讯接口 Interface	USB、串口、网络端口 USB, Serial port, Network port (Optional)
外部信号 External signal	输入1: 触发打印 Inputs1:start printing 输出1: 打印机是否准备好 Outputs1:printing finished 输入2: 触发贴标 Inputs2:start labeling 输出2: 贴标是否完成 Outputs2:labeling finished	生产节拍 Takt time	3秒/张 (根据客户使用条件确定) 3s / Piece (determined according to customer service conditions)
分辨率 Resolution	203dpi/306dpi/609dpi	二维码类型 TDcode type	QR.code,DataMatrix,PDF417 Maxicode,MicroPDF417
碳带内径 Ribbon core	25.6mm		
碳带长度 Ribbon length	V420T/430T:300m V460T:250m	条码类型 Barcode type	Code39,Code39Ext,Code128 Itf25,Code25,Matrix25,Ean8/13 Up,c,A/E,Codebar,Code93 Code One , Code 49 , Code 16K
碳带宽度 Ribbon width	25-115mm		
可用字体 Font	Times Roman,Arial,Letter Gothic OCR-A/B, Courier, Prestige Elite	附件 Accessory	USB通讯线 产品说明书 USB、Manual

V4X0T

Printing Application & Labeling System

实时工业打印贴标机

支持模版打印、U盘打印、PLC控制打印、条码扫描打印
Support template printing,USB flash drive printing,
PLC controlled printing,barcode scanning printing

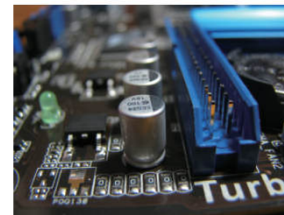
支持触摸屏控制、三色灯提示、远程状态监控
Support touch screen control,three color light
prompts,remote status monitoring

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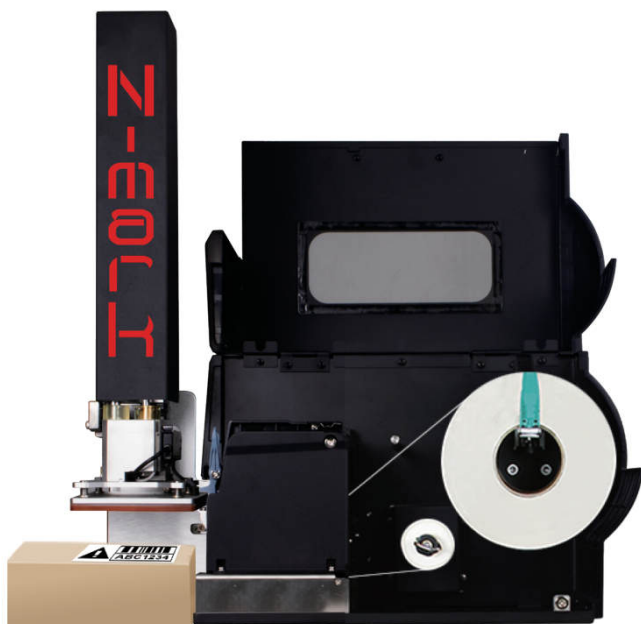
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Specifications

Parameter	Value
Model	V420T / V430T / V460T
Printing width	Max 104 mm
Print height	10–240 mm
Max roll outer diameter	180 mm
Media width	25–115 mm
Media sensor	Black mark / gap sensing
Labeling performance	Pneumatic / Electric
Stroke	0–130 mm
Labeling method	Tamp / scrape
Labeling direction	Top / side
Operating temperature	–20 °C – 40 °C
Storage temperature	–20 °C – 60 °C
Operating humidity	25% – 85% RH (non-condensing)
External signal	Input 1: start printing; Input 2: start labeling; Output 1: printing finished; Output 2: labeling finished
Resolution	203 dpi / 306 dpi / 609 dpi
Ribbon core	25.6 mm
Ribbon length	V420T/V430T: 300 m; V460T: 250 m
Ribbon width	25–115 mm
Fonts	Times Roman, Arial, Letter Gothic, OCR-A/B, Courier, Prestige Elite
CPU	32-bit CPU
Print speed	8 in/sec (203 dpi); 5 in/sec (306 dpi); 2 in/sec (609 dpi)
Dimensions	573 mm (L) × 405 mm (W) × 661 mm (H)
Weight	21 kg
Programming language	NPL, compatible with TPCL and TSPL
Storage	RAM: 32 MB FLASH: 256 MB
Label size	Maximum width 110 mm; maximum length 200 mm
Operation mode	Batch / Label
Printhead	Flat-pressed
Print mode	Direct thermal / Thermal transfer
Interface	USB, serial port, network port (optional)
2D code types	QR code, DataMatrix, PDF417, Maxicode, MicroPDF417
Barcode types	Code 39, Code 39 Ext, Code 128, ITF25, Code 25, Matrix 25, EAN-8/13, UPC A/E, Codabar, Code 93, Code One, Code 49, Code 16K
Accessories	USB cable, user manual
Takt time	3 s / piece (depending on customer operating conditions)

PRODUCT ADVANTAGE

产品特点



支持以太网、串口和USB等标准通讯接口。

Supporting standard communication interfaces such as ethernet, serial and USB ports.

本机有数据直连型、打印模板型、打印软件系统型多种模式可选, 灵活应用在生产包装线上。
This machine has many models, such as data direct connection, printing template and printing software system. It can be flexibly used in production line and packaging line.

全自动打印贴标一次完成。

Fully automatic printing and labeling at one time.

替代人工, 提高打印贴标效率, 减少人工成本。

Reduce labeling and printing time Instead of artificial.

广泛用于食品、电商物流、医药、化妆品及其它自动化生产线贴标应用。

Widely used in food, e-commerce logistics, medicine, cosmetics and other automated production line labeling applications.



食品外包装贴标
Labeling for food packaging



电商物流
E-commerce logistics



药品外包装贴标
Labeling of Drug Packaging



物流货物
Logistics cargo

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Advantages

- Reduces manual labor and increases print & label efficiency, cutting labor cost.
- Fully automatic printing and labeling in a single pass.
- Widely used in food, e-commerce logistics, medicine, cosmetics and other automated production-line labeling applications.

Features

- Supports standard communication interfaces such as Ethernet, serial and USB ports.
- Multiple modes available — direct data connection, printing template, and printing software system — for flexible deployment on production and packaging lines.
- Supports template printing, USB flash-drive printing, PLC-controlled printing and barcode-scan printing.
- Supports touch-screen control, three-color status light and remote status monitoring.

Applications

- Food packaging labeling
- Drug packaging labeling
- E-commerce logistics
- Logistics cargo