



Desktop Printer OS-214NU



The OS-214NU desktop barcode printer offers advanced functions and features in an attractive, space-saving design. A 203dpi thermal transfer printer, the OS-214NU provides up to 4ips print speed and multiple interfaces for meeting low-to-mid volume printing demands, and also supports PPLA/PPLB/PPLZ emulations. New features include a more secure, yet easy-to-open cover lock and saw tooth and blade tear-off bars for both thick and thin paper. Cost-effective and easy to operate, the OS-214NU has an expanded internal memory for graphics storage, label formats, and faster processing. This printer is perfect for applications such as mailing, retail and shipping, and its top cover also detaches to support use in kiosks and other special applications. Standalone applications require only an optional scanner and Argokee keyboard. Other printer options include a cutter, an RTC, and an 8-inch OD stacker. The new OS-214NU delivers enhanced features, excellent performance, and out-standing value.

- 4 inch width & 203dpi print resolution is for low to medium volume simple printing demand
- Advanced function & performance, space-saving size design
- Cost-effective and Easy to Operate
- Lower Defect Rate and No Service Needed
- Multi-interfaces: Parallel/RS232/USB
- Enlarge internal memory for graphics storage, label formats, and faster processing
- Supports 1D/GS1 Data bar, 2D/Composite codes and QR barcodes, and Windows True Type font download/printing available
- Support Windows 8
- Detachable top cover for kiosks and other special applications



New Cover Lock Design



OS-214NU + Stacker



Standalone with
Scanner & Argokee



OS-214NU + Rotary Cutter



Ribbon printing application

Specifications	OS-214NU
Printing Method	Direct Thermal / Thermal Transfer
Printing Resolution	203 dpi(8 dots/mm)
Printing Speed	Up to 4ips (101.6mm/s)
Printing Length	Max 100"(2540mm)
Printing Width	Max 4.16"(105mm)
Memory	8MB DRAM(5MB user available) 8MB Flash ROM(6MB user available)
CPU Type	32 bit RISC microprocessor
Sensors	Media gap & black line Reflective sensor
Operation Interface	LED indicator (Power/Ready)x 2, Button(Feed) x 1
Communication Interface	RS-232, USB, Parallel
Fonts	Internal character sets standard 5 alpha-numeric fonts from 0.049"H ~ 0.23" H (1.25mm ~ 6.0mm) Internal fonts are expandable up to 24x24 4 direction 0 ~ 270 rotation Soft fonts are downloadable Ability to print any Windows True Type font easily
1D Barcodes	PPLA:Code 39, UPC-A, UPC-E,Code 128 subset A/B/C, EAN-13, EAN-8, HBIC, Codabar, Plessey, UPC2, UPC5, Code 93, Postnet, UCC/EAN-128, UCC/EAN-128 K-MART, UCC/EAN-128 Random Weight, Telepen, FIM,Interleave 2 of 5 (Standard/with modulo 10 checksum/with human readable check digit/with modulo 10 checksum & shipping bearer bars), GS1 Data bar (RSS) PPLB:Code 39 Std. & Extended, UPC-A, UPC-E, Matrix 2 of 5, UPC-Interleaved 2 of 5,Code 39 with check sum digit, Code 93, EAN-13, EAN-8 (Standard, 2 /5digit add-on), Codabar, Postnet, Code128 subset A/B/C, Code 128 UCC (shipping container code), Code 128 auto, UCC/EAN code 128 (GS1-128), Interleave 2 of 5, Interleaved 2 of 5 with check sum, Interleaved 2 of 5 with human readable check digit, German Postcode, Matrix 2 of 5,UPC Interleaved 2 of 5, EAN-13 2/5 digit add-on, UPCA 2/5 digit add-on, UPCE 2/5 digit add-on, GS1 Data bar (RSS) PPLZ:Code39, UPC-A, UPC-E, Postnet, Code128 subset A/B/C, Interleave 2 of 5, Interleaved 2 of 5 with check sum, Interleaved 2 of 5 with human readable check digit, Code 93, Code 39 with check sum digit, MSI, EAN-8, Codabar, Code 11, EAN-13, Plessey, GS1 Data bar (RSS), Industrial 2 of 5, Standard 2 of 5, Logmars
2D Barcodes	PPLA /PPLZ : MaxiCode, PDF417,Data Matrix (ECC 200 only), QR code, Composite Codes, Aztec, Micro PDF 417 PPLB: MaxiCode, PDF417, Data Matrix (ECC 200 only), QR code, Composite Codes, Aztec
Graphics	PPLA: PCX, BMP, IMG, HEX,GDI PPLB: PCX, Binary raster, GDI, BMP PPLZ: GRF, Binary raster, HEX, GDI, BMP
Emulation	PPLA / PPLB / PPLZ available
Software---Label editing	Windows Driver (XP/Vista/Win 7/Win 8) 、 BarTender® from Seagull Scientific
Software---Utility	Printer Utility 、 Font Utility
Media Type	Roll-feed, die-cut, continuous, fan-fold, tags, ticket in thermal paper or plain paper and fabric label
Media	Max Width:4.3"(108mm) Min Width:1"(25.4mm) Thickness:0.0025"~0.01"(0.0635~0.254mm) Max roll capacity(OD): 4.3"(109mm) Core size: 0.5"(12.7mm) / Max roll capacity(OD): 4.3"(109mm) 1"(25.4mm) Optional / Max roll capacity(OD): 3.8"(96.5mm) 1.5"(38.1mm) Optional
Ribbon	Ribbon Width: 1"~4" Ribbon roll – max OD: 1.45"(37mm) Ribbon Length: max 92m Core size – ID: 0.5"(12.7mm) with notch Wax, Wax/Resin, Resin (Outside Ribbon)
Dimensions	W 186mm x H 163.95mm x L 278mm
Weight	2.0kgs
Power Source	Universal Switching Power Supply Input: 100V~240V±10%, 1.6A, 50~60Hz, Output: 24VDC
Operation Environment	Operation Temperature: 40°F~100°F (4°C~38°C), 0% ~ 90% non-condensing, Storage Temperature: -4°F~122°F (-20°C~50°C)
Optional Items	Cutter, Stacker, RTC Card
Agency Listing	CE FC 

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