

# O4



A perfect desktop printer for general purpose

## Applications



### Clamshell design, easy loading

The O4 series features a user-friendly clamshell design that allows users to simply open the cover and loading ribbon and media.



### Printing speed upgrade to 7 inches/sec

Featuring 7 ips print speed, even print with the highest speed, it can still maintain the perfect print quality.



### Multiple interfaces

The O4 series has built-in Ethernet, Dual USB hosts, USB device, RS-232 and it can be expanded with Wi-Fi, Bluetooth.



Retail



Manufacturing



Transportation  
& Logistics



Health Care

Print Specifications	O4-250	O4-350
Print Method	Direct Thermal & Thermal Transfer	
Print Resolution	203 dpi (8 dots/mm)	300 dpi (12 dots/mm)
Print Speed (Max.)	7 ips	6 ips
Print Length (Max.)	100"(2540 mm)	50"(1270 mm)
Print Width (Max.)	4.25"(108 mm)	4.16"(105.7 mm)
Onboard Memory	32 MB SDRAM, 16MB Flash ROM (USB storage up to 32GB)	
CPU Type	32 bit RISC microprocessor	

Consumables Specifications	
Sensors	Media Transmissive sensor x 1 (fixed, 6.27mm offset) / Media Reflective sensor x 1 (movable) & Head open switch / Ribbon end sensor
Media Type	Roll-feed, die-cut, continuous, fan-fold, black mark, tags, ticket in thermal paper or plain paper
Media	Max. width: 4.65" (118mm). Min. width: 0.8" (20mm). Thickness: 0.0024"~0.008" (0.06mm~0.2mm) 5"(127mm) OD on a 1"/1.5" (25.4/38 mm) ID core; 4.5"(115mm) OD on a 0.5" (12.7mm) ID core Dealer Option external media stand 8" OD on 1"/3" ID Core
Ribbon	Ribbon width: 1"~4.33"(25.4 mm~110mm), Ribbon length: max 110m. Core size ID 0.5"(12.7 mm), Core width: 4.33"(110mm)with notch Wax, Wax/Resin, Resin (Ribbon wound ink-side out or ink-side in: auto-detect)

Fonts & Symbologies	
Fonts	Internal character sets standard support. Soft fonts are downloadable
1D code	UPC-A, UPC-E, JAN/EAN, CODE39, CODE93, CODE128, GS1-128 (UCC/EAN128), CODABAR (NW-7), ITF, Industrial 2of5, MSI, UPC add-on code, POSTNET, GS1 DataBar Omnidirec onal, GS1 DataBar Truncated, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirec onal, GS1 DataBar Limited, GS1 DataBar Expanded, GS1 DataBar Expanded Stacked
2D code	QR Code, PDF417 (including MicroPDF), DataMatrix (ECC200), GS1 DataMatrix, MaxiCode
Composite Symbol	EAN-13 Composite (CC-A/CC-B), EAN-8 Composite (CC-A/CC-B), UPC-A Composite (CC-A/CC-B), UPC-E Composite (CC-A/CC-B), GS1 DataBar Composite (CC-A/CC-B), GS1 DataBar Truncated Composite (CC-A/CC-B), GS1 DataBar Stacked Composite (CC-A/CC-B), GS1 DataBar Expanded Stacked Composite (CC-A/CC-B), GS1 DataBar Expanded Composite (CC-A/CC-B), GS1 DataBar Stacked Omnidirec onal Composite (CC-A/CC-B), GS1 DataBar Limited Composite (CC-A/CC-B), GS1-128 Composite (CC-A/CC-B/CC-C)

Interface Characteristics and Integration	
Operation Interface	Standard: Button x 1, Dual LED indicators (with 3 LED colors) Factory Option: RTC, Buzzer
Communication Interface	Standard: Ethernet, Dual USB hosts, USB device, RS-232 Dealer Option: Wi-Fi (IEEE 802.11 b/g/n), Bluetooth V4.2
Programming Language	Standard: PPLA+PPLB Factory Option: PPLA+PPLB+PPLZ
Graphics	PPLA: PCX, BMP, IMG, HEX,GDI PPLB: PCX, BMP, Binary raster, GDI PPLZ: GRF, Hex, GDI
Software-Label Editing	Windows Driver (Windows XP/Vista/Win7/Win8/Win10), BarTender® from Seaguall Scientific
Software-Utility	Printer Tool
Optional Accessory	Full Cutter, Partial Cutter, Peeler, External media stand

Operating & Environment Characteristics	
Power Source	Universal Switching Power supply. AC input voltage: 100~240V, 50~60Hz. DC Output: 24V, 2.4A
Operation Environment	Operating: 41°F~104°F (5°C~40°C). Storage: -4°F~140°F (-20°C~60°C) Operating: 25 %RH ~ 85 %RH (non-condensing). Storage: 10 %RH ~ 90 %RH(non-condensing)
Agency Listing	CB, CE, FCC, TUV/cTUVus, Energy Star

Physical Characteristics	
Dimensions	W 209 mm x H 179.2 mm x D 266 mm
Weight	4.8 lbs (2.2 kg)

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