

PANTUM

PRECISION ENGINEERED FOR UNINTERRUPTED WORKFLOW

INTUITIVE SERIES - DESKTOP BARCODE LABEL PRINTERS

PD-401/PD-401W MODELS





PD-401 SERIES

Pantum's PD-401 Desktop Barcode Label Printer redefines efficiency and reliability for businesses and professionals. Engineered with a cutting-edge MCU, it delivers seamless high-speed printing, smart breakpoint recovery, and versatile connectivity—all in one compact device. Whether for logistics, retail, or industrial use, this printer ensures efficient and precise labeling.

【Model】

PD-401/PD-401W

【Print Speed】

152mm/s (max)

【Printing Method】

Direct Thermal

【Printing Width】

108mm (max)

【Interface】

USB or USB + Bluetooth + Wi-Fi

JAM-FREE & HIGH-SPEED PRINTING



Premium MCU Main Control System

Next-gen MCU main control system with large-capacity external flash memory minimizes paper jams and incomplete prints.



High-Speed & High-Quality

Achieves 152mm/s printing speeds without compromising quality.

SMART AUTOMATION, UNINTERRUPTED WORKFLOW



Smart Breakpoint Recovery

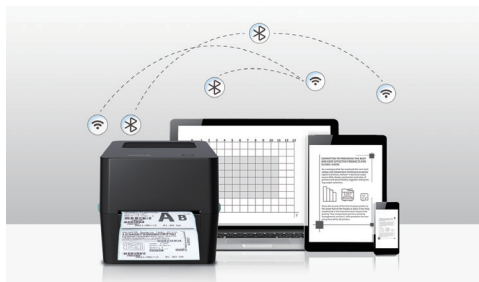
Auto-reprints damaged labels from exact breakpoints with an intelligent memory function, ensuring continuous printing without missing a single label.



Error-Proof from Start to Finish

Multi-precision sensors guarantee perfect label alignment with first-label auto-rewind and auto-resume on paper reload—uninterrupted workflows made simple.

CONNECT FREELY, WORK TOGETHER



Bluetooth & Wi-Fi Dual Connectivity

Equipped with both Bluetooth and Wi-Fi connectivity, this printer allows for seamless switching between the two connection types, ensuring a hassle-free printing experience.

*Wi-Fi models only.

*The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.



Multi-Device Ecosystem

Supports 32 PCs via Wi-Fi or simultaneous 1 Android + 1 iOS connection via Bluetooth. Share tasks effortlessly.

*For Wi-Fi models.



DURABILITY & VERSATILITY



Durable Print Head

The highly durable print head supports extended periods of continuous printing, ensuring long-lasting use with remarkable stability and reliability.



Versatile Across Industries

Designed for logistics, industrial, retail, warehouse, food delivery, clothing labeling, and beyond.



Compatible with Diverse Consumables

Including gap labels, continuous labels, black mark labels, folded labels, and more.

PD-401 Series

Desktop Barcode Label Printer



Model	PD-401	PD-401W
General		
Resolution	203DPI	203DPI
Printing Method	Direct Thermal	Direct Thermal
Interface	USB	USB+Bluetooth+WiFi
Emulation	TSPL, ZPL, CPCL, DPL, EPL	TSPL, ZPL, CPCL, DPL, EPL
Sensor	Gap sensor/open cover sensor/black label sensor	Gap sensor/open cover sensor/black label sensor
Printing		
Print Speed	152mm/s (max)	152mm/s (max)
Printing Width	108mm (max)	108mm (max)
Printing Length	1778mm (max)	1778mm (max)
Bar Code Format	Code128, EAN128, ITF, Code39, Code93, EAN13, EAN13+2, EAN13+5, EAN8, EAN8+2, EAN8+5, CodeBar, Postnet, UPC-A, UPC-A+2, UPC-A+5, UPC-E, UPC-E+2, UPC-E+5, MSI, MSIC, PLESSEY, CPOST, ITF14, EAN14, Code11	
2D Code Format	QR code, PDF417, Micro PDF 417, DataMatrix, AZTEC	QR code, PDF417, Micro PDF 417, DataMatrix, AZTEC
Character Enlargement/Rotation	1-10x magnification /0°, 90°, 180°, 270° rotation/ mirror printing	1-10x magnification /0°, 90°, 180°, 270° rotation/ mirror printing
Character	GB18030, BIG5, ASCII	GB18030, BIG5, ASCII
Extended Character	PC437, Katakana, PC850, PC860, PC863, PC865, West Europe, Greek, Hebrew, East Europe, Iran, WPC1252, PC866, PC852, PC858, IranII, Latvian, Arabic, PT151, PC747, WPC1257	
Character Size	9x17dot, 12x24dot, 24x24dot	9x17dot, 12x24dot, 24x24dot
Media		
Paper Type	Gap label, continuous label, black mark label, folded label	
Roll Width (including backing paper)	30~114mm	30~114mm
Roll Thickness (including backing paper)	0.12~0.26mm	0.12~0.26mm
Paper Axis Size	25.4mm	25.4mm
Roll Outside Diameter	120mm (OD)	120mm (OD)
Feed	Front exit	Front exit
Memory		
Sdram	Sdram 8MB	Sdram 8MB
Flash	Flash 8MB (expandable)	Flash 8MB (expandable)
Power & Environment		
Power	Input power supply: AC100 ~240V 50/60Hz; Output power: DC 24V~2.5A	
Working Environment	Operating temperature: 5~40°C; Operating humidity: 25~85%	
Storage Environment	Storage temperature: -10~60°C; Storage humidity: 10~90%	
Physical		
Print Head Life	150km (print rate 18.5%)	150km (print rate 18.5%)
Dimension	210 * 178 * 153 mm	210 * 178 * 153 mm
Weight	1.2 kg	1.2 kg
Accessories		
Accessories (standard)	1. Power adapter; 2. Power cord; 3. USB cable 4. Quick Installation Guide; 5. Labels; 6. Paper reel, Paper roll baffle *2	
Accessories (optional)	External roll holder	External roll holder

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Running Forward