

BradyPrinter i5100 vs. IP Printer

What's Changed?

Get the perfect mix of performance and smarts with the new BradyPrinter i5100 industrial label printer. In addition to a new look and name, we've included functional enhancements in the new i5100 printer from its predecessor the IP Printer.



Key Features

	IP Printer	i5100
Models / print resolution	Standard model - 4 in. wide, center align (300 and 600 dpi) Auto-cut model - 4 in. wide, center align (300 and 600 dpi)	Standard model - 4 in. wide, center align (300 and 600 dpi) Auto-cut model - 4 in. wide, center align (300 and 600 dpi)
Media loading	Top-load, keyed supplies for faster easier drop-in-style set up. IP roll holder does not fit i5100 for 4 in. wide rolls	Top-load, keyed supplies for faster easier drop-in-style set up. New roll holder will fit both IP and i5100 for 4 in. wide rolls
Printing modes	Brady mode (IP-enabled use w/ faster easier changeovers and auto-setup) standard mode (traditional manual setup and adjustment steps)	Brady mode (IP-enabled use w/ faster easier changeovers and auto-setup) standard mode (traditional manual setup and adjustment steps)
Typical volume	5000 labels/day*, 8 hrs/day, 5 days/wk	5000 labels/day*, 8 hrs/day, 5 days/wk
Display and user interface	2.8 in., 64 x 128 pixels, mono screen with button navigation, "aged" interface to change settings	4.3 in., 272 x 480 pixels, color touchscreen , very easy interface to change settings
Display content	Basic printer status + part numbers installed, supply remaining, sensor in use, sensor setting (in Brady mode)	Basic info + part numbers installed, supply remaining, sensor in use, sensor setting (in Brady mode)
Print head wear	Earlier generation print head, quieter but shorter life	Hardened sharp-edge print head with narrow width interchangeable platen rollers to reduce wear; louder but longer life
Narrow rollers	Difficult to change, not marketed	Easy to change for optimal print head protection
Print speed	2.0 in/sec (300 and 600 dpi) - in Brady mode up to 7.8 in/sec (300 dpi) - in standard mode up to 3.9 in/sec (600 dpi) - in standard mode	2.0 in/sec (300 and 600 dpi) - in Brady mode up to 11.8 in/sec (300 dpi) - in standard mode up to 5.9 in/sec (600 dpi) - in standard mode
Min. label dimension	0.25 in.	0.20 in.
Max. liner width	4.40 in.	4.40 in.
Max. print width	4.19 in.	4.16 in.
Media roll core	3.0 in. core IP-enabled (for Brady mode use) 3.0 - 3.9 in. core (for standard mode)	3.0 in. core IP-enabled (for Brady mode use) 3.0 - 3.9 in. core (for standard mode)
Ribbon roll O.D.	2.68 in. IP-enabled ribbon (for Brady mode use)	2.68 in. IP-enabled ribbon (for Brady mode use)
Processor 32 bit clock rate	266 MHz	800 MHz for faster printing and to avoid buffer overloads
Memory	64 MB	256 MB
Connectivity ports and options	standard: 2xUSB, Ethernet 10/100 BASE-T, RS232C, 1xUSB 2.0 Hi-speed port for PC	standard: 2xUSB, Ethernet 10/100 BASE-T, RS232C, SD card slot, 1xUSB 2.0 Hi-speed port for PC optional: USB WLAN stick, USB Bluetooth adapter stick
Software compatibility	LabelMark, Brady Workstation, CodeSoft internal driver, 3rd party Windows® based software, direct-to printer scripting	LabelMark (v6.6.1 or newer), Brady Workstation (v4.1 or newer), CodeSoft Win driver, 3rd party Windows® based software, direct-to-printer scripting
Accessories	Spare IP-enabled roll holder, spare Brady ribbon takeup spindle, PCK-6 cleaning swabs	Spare IP-enabled roll holder, spare Brady ribbon takeup spindle, PCK-6 cleaning swabs, narrow-width rollers, WLAN and Bluetooth sticks
Key material types	Die cut media, continuous media, fanfolded media, tagstock liner-mounted, tagstock linerless, perforated materials, adhesive labels, heat-shrink sleeves size 125 and larger (single sided), continuous sleeves size 125 and larger, self-lam cable labels, raised panel push button labels, rapido-style cable tags, Permashield-style labels	Die cut media, continuous media, fanfolded media, tagstock liner-mounted, tagstock linerless, perforated materials, adhesive labels, heat-shrink sleeves size 125 and larger (single sided), continuous sleeves size 125 and larger, self-lam cable labels, raised panel push button labels (with no backfeed or autocut), rapido-style cable tags, Permashield-style labels
Size (H x W x D)	12.3 in. x 9.4 in. x 17.1 in.	12.5 in. x 9.5 in. x 17.1 in.
Weight	13.2 lbs	14.6 lbs

* For directional and comparison purposes – assumes basic 1 in. x 2 in. label.