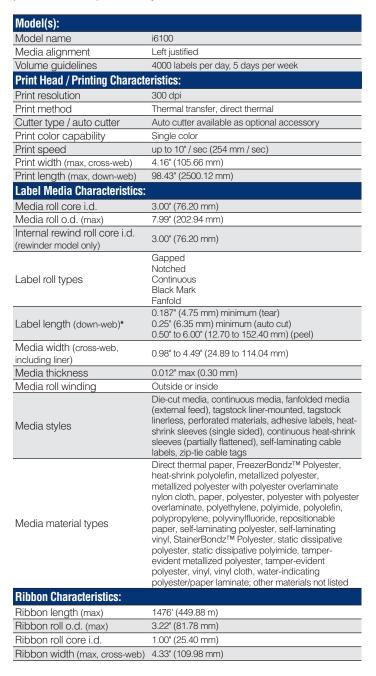# i6100
Industrial Label Printer
Printer Specifications

With cutting-edge technology built into every component, the i6100 delivers precision and speed every time.

Model(s):	
Model name	i6100
Media alignment	Left justified
Volume guidelines	4000 labels per day, 5 days per week

Print Head / Printing Characteristics:	
Print resolution	300 dpi
Print method	Thermal transfer, direct thermal
Cutter type / auto cutter	Auto cutter available as optional accessory
Print color capability	Single color
Print speed	up to 10" / sec (254 mm / sec)
Print width (max, cross-web)	4.16" (105.66 mm)
Print length (max, down-web)	98.43" (2500.12 mm)

Label Media Characteristics:	
Media roll core i.d.	3.00" (76.20 mm)
Media roll o.d. (max)	7.99" (202.94 mm)
Internal rewind roll core i.d. (rewinder model only)	3.00" (76.20 mm)
Label roll types	Gapped Notched Continuous Black Mark Fanfold
Label length (down-web)*	0.187" (4.75 mm) minimum (tear) 0.25" (6.35 mm) minimum (auto cut) 0.50" to 6.00" (12.70 to 152.40 mm) (peel)
Media width (cross-web, including liner)	0.98" to 4.49" (24.89 to 114.04 mm)
Media thickness	0.012" max (0.30 mm)
Media roll winding	Outside or inside
Media styles	Die-cut media, continuous media, fanfolded media (external feed), tagstock liner-mounted, tagstock linerless, perforated materials, adhesive labels, heat-shrink sleeves (single sided), continuous heat-shrink sleeves (partially flattened), self-laminating cable labels, zip-tie cable tags
Media material types	Direct thermal paper, FreezerBondz™ Polyester, heat-shrink polyolefin, metallized polyester, metallized polyester with polyester overlaminate nylon cloth, paper, polyester, polyester with polyester overlaminate, polyethylene, polyimide, polyolefin, polypropylene, polyvinylfluoride, repositionable paper, self-laminating labels, self-laminating vinyl, StainerBondz™ Polyester, static dissipative polyester, static dissipative polyimide, tamper-evident metallized polyester, tamper-evident polyester, vinyl, vinyl cloth, water-indicating polyester/paper laminate; other materials not listed

Ribbon Characteristics:	
Ribbon length (max)	1476' (449.88 m)
Ribbon roll o.d. (max)	3.22" (81.78 mm)
Ribbon roll core i.d.	1.00" (25.40 mm)
Ribbon width (max, cross-web)	4.33" (109.98 mm)

Ribbon Characteristics (cont.):	
Ink side	Outside or inside wound

Display Interface:	
Display type	Color LCD with keypad
Display size (diagonal)	3.50" (88.90 mm)
Display languages	English, Korean, German, French, Spanish

Software and Firmware:	
Label creation software	Brady Workstation v4.23 or newer and Brady Workstation apps (latest updates)

Interfaces and Connectivity:	
Interfaces	1 x USB device port 1 x Serial (RS-232C) Port 1 x Ethernet 10/100/1000Mbps (1Gbps) 2 x USB host port (1 front, 1 back)

Electronics:	
Memory (RAM)	512 MB SDRAM, 512 MB Flash
Internal battery	For internal date & time (RTC)

Physical / Operational Characteristics:	
Dimensions (closed) (HxWxD)	12.76" x 10.59" x 19.29" (standard model) 16.02" x 10.59" x 19.29" (rewinder model)
Weight (empty)	30.82 lbs (standard model) 39.64 lbs (rewinder model)
Power supply	100–240 V @ 50–60 Hz
Operating environment	41–104° F (5 – 40° C) / 10 – 85% RH non condensing
Storage environment	-4 –122° F (-20 – 50° C) / 20 – 85% RH non condensing
Transport environment	-4 –122° F (-20 – 50° C) / 20 – 85% RH non condensing
Agency approvals	UL, FCC, CB, CE, NOM

Barcodes:	
Barcode symbologies - 2D	Aztec, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR code, Composite Codes, Code 49
Barcode symbologies - linear	Codabar, Code 11, Code 39, Code 93, Code 128, EAN-13, EAN-8, Industrial 2 of 5, Interleaved 2 of 5, MSI, Plessey, POSTNET, UPC-A, UPC-E, GS1 DataBar, EAN/UPC Extension 2, EAN/UPC Extension 5, Codablock, Code 39 (Logmars), Code 49, Standard 2 of 5 (IATA), Intelligent Mail Barcode (IMb)

Options / Accessories:	
Auto cutter	Full auto cutter available; field-installable to front panel
Peel unit**	Peel functionality with label taken sensor; field-installable to front panel Note: Peel unit comes installed as standard option on rewinder model

* User should test to the application. Print performance on small labels or a part that is below the minimum label dimension spec of 0.5" is dependent on multiple factors including print speed, qty in print run, heat setting and the size/layout of the printed elements.

** User should test any material for peel printing to the intended application. Print & peel performance on any label is dependent on multiple factors including characteristics of label material, peel offset distance and print speed.

► **Visit BradyID.com/i6100 for more information**