



BradyPrinter i7100 Specifications

Get the job done with the BradyPrinter i7100 label printer. No matter the demands of your labeling jobs - from higher volumes to precise printing and more - this reliable, heavy-duty and high-accuracy label printer gets it all done.

Model(s):

Model Name i7100 Industrial Printer

Media Alignment Center justified

User Interface:

Display Type Touchscreen colour LCD

Display Size (diagonal) 109.22mm

Display Resolution (H x W) 480 x 272 pixels

Display Languages Arabic (Egypt), Bulgarian, Chinese (simplified), Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Korean, Lithuanian, Macedonian, Norwegian, Persian (Farsi), Polish, Portuguese, Romanian, Russian, Serbian, Slovenian, Spanish (Castilian), Spanish (Mexico Latin Amer), Swedish, Thai, Turkish

Display Status Bar Receiving data, record data stream, ribbon warning, SD card presence, USB stick presence, bluetooth, WLAN, ethernet, USB slave, time

Print Head / Printing Characteristics:

Print Resolution 300 dpi
600 dpi

Print Method Thermal transfer (300 or 600 dpi)
Direct thermal (300 dpi - material & printhead dependent)

Print Speed 299.72mm/sec max (300 dpi)
149.86mm/sec max (600 dpi)

Print Width (max, cross-web) 105.66mm

Print Length (max, down-web) 167.64mm

Media Characteristics:

Media Width (cross-web incl liner) 3.98mm to 85.09mm (continuous sleeves)
9.14mm to 114.04mm (other materials)

Label Width (cross-web) 4.01mm to 109.98mm

Label Length (down-web)** 3.17mm minimum (w/no backfeed)
4.01mm minimum (w/backfeed)

Media Thickness 0.06mm to 0.73mm (label materials)
1.77mm max (B-593 push button material)
1.09mm max (heat shrink sleeves)

Media Roll o.d. (max) 204.97mm

Media Roll Core i.d. 38.1mm to 100.07mm

Media Roll Winding Outside or inside

Media Styles

Die cut media, continuous media, open core roll-fed media, fanfolded media (external feed), tagstock liner-mounted, tagstock linerless, perforated materials, adhesive labels, heat-shrink sleeves (single sided and double sided with re-insert), continuous tubing (partially flattened), self-laminating cable labels, zip-tie cable tags

Media Material Types **** PE (polyethylene), PET (polyester), PET Metalised, PU (polyurethane), PVC (vinyl), PVF (polyvinyl fluoride), PVDF (polyvinylidene fluoride), PP (polypropylene), PI (polyimide), Polyamide, Tedlar®, Nomex®, Polyether Polyurethane (Heatex™), Raised Panel Push Button material, Paper, Destructible materials, Tamper-evident and Tamper-resistant materials, other materials not listed

Media Parts Offering 3400+ stock parts and custom (made-to-spec) parts

Ribbon Characteristics:

Ribbon Length (max) 25.4M

Ribbon Roll o.d. (max) 68.07mm

Ribbon Roll Core i.d. 25.4mm

Ribbon Width (cross-web)*** 25.4mm to 114.3mm

Ink Side Inside or outside wound

Electronics:

Processor 32 bit 800 MHz clock rate

Memory (RAM) 256 MB

Data Storage (IFFS) 50 MB

SD Card Slot (SDHC, SDXC) 512 GB max

Internal Battery For internal date & time (RTC)

Data Storage When Power Off Yes

Physical / Operational Characteristics:

Dimensions (closed) (HxWxD) 289.56mm x 251.46mm x 459.74mm

Weight (empty) 10kg

Power Supply 100 - 240 VAC

Power Consumption <10W standby / 150W typical / 300W max

Operating Environment 0 - 40°C / 10 - 85% RH non condensing

Storage Environment 0 - 60°C / 20 - 85% RH non condensing

Transport Environment -25 - 60°C / 20 - 85% RH non condensing

Agency Approvals CE, FCC class A, cUL. Contact Brady for up-to-date list of environmental compliance information and agency approvals and/or marks covering over 75 countries (awarded or applied for)



Fonts & Graphics:

Font Types (resident)	5 bitmap fonts - including OCR-A, OCR-B 3 vector fonts - Swiss 721, Swiss bold 721, Monospace 821
Font Types (storable to printer)	TrueType fonts storable to printer via jump drive
Font Attributes	Bold, italic, underlined, outline, negative depending on font
Font Scaling (bitmap)	Width & height range: 0.99mm to 3.04mm Zoom factor: settings 2 to 10 Rotation: 0°, 90°, 180°, 270°
Font Scaling (vector & truetype)	Width & height range: 8.89mm to 128.01mm Zoom factor: Variable (dot-by-dot) Rotation: 360° in steps of 1°
Character Sets	Windows 1250 up to 1257, DOS 437,737,7 55,850,852,857,862,864,866,869, EBC DIC 500, ISO 8859-1 to-10 and -13 to -16, Win OEM 720, UTF8, Macintosh, Roman, DEC MCS, KOI8-R, All West and East European characters and Latin, Cyrillic, Greek, Hebrew, Arabic, simplified Chinese, and Thai characters are supported
Graphic Elements	Arrows, lines, rectangles, circles, ellipses; filled and filled with fading
Graphic Formats	PCX, IMG, BMP, TIF, MAC, PNG

Barcodes:

Barcode Symbolologies - Linear	Code 39, Code 39 Full ASCII, Code 93, Code 128 A, B, C, Codabar, Deutsche Post (indent- and routing), EAN 8, 13, EAN/UCC 128/GS1-128, EAN/UPC Appdx 2 and Appdx 5, FIM, HIBC, Interleaved 2/5, JAN 8, 13, MSI, Plessey, Postnet, RSS 14, UPC A, E, EO
Barcode Symbolologies - 2D	Aztec, DataMatrix, QR Code, PDF 417, UPS MaxiCode, GS1 Databar, Codablock F, Micro PDF 17, RSS 14 (truncated, limited, stacked, stacked omni-dir), EAN/GS1 DataMatrix
Barcode Attributes	Sizing: variable in height, modular width and ratio Rotation: 0°, 90°, 180°, 270°

Interfaces & Connection:

USB 2.0 Hi-Speed Device Port	For PC connect
1 x USB Host (front screen L)	For service key or memory stick
1 x USB Host (front screen R)	For USB WLAN stick w/no antenna
2 x USB Host (back panel)	For scanner, keyboard, USB memory stick, USB bluetooth adapter, USB WLAN stick w/ antenna
1 x RS232-C	For serial cable connection. 1,200 - 230,400 baud/8 bit
1 x Ethernet 10/100 BASE-T	For networking, remote access, and firmware updates
1 x SD Slot	For memory card (SDHC, SDXC)
1 x USB Host 24 DC 9pin (front lower panel)	For peripheral accessory connection only, auto cutter, present sensor, etc

1 x Digital I/O - (back panel - optional)

Standard on peel model. For connecting basic trigger device such as foot pedal. 8 inputs & 8 outputs.
- Compliant with IEC/EN 61131-2, type 1+3
- Inputs & outputs: galvanically isolated, rev polarity protected, short circuit protected
- Outputs: short circuit protected

Software & Firmware:

Label Creation Software	Brady Workstation (free download) & Workstation apps, Brady LabelMark Software (v6.5.0.9 or higher)
WHQL Certified Windows® Drivers****	Windows 7, 8, 8.1, 10, Server 2008, 2008 R2, 2012, 2012 R2, 2016
Printer Command Language	Jscript - scripting commands for sending scripts to the printer
Printer Compiler Language	abc basic - for placing embedded logic programming & prompts onto the printer
Printer Administration / Monitoring	Web-based remote access - allows printer control, configuration, firmware updates, memory card admin and time/date synchronization, and will send printer status, and error messages to users
Open Source Software	Go to www.BradyID.com.au/i7100 for a list of open source software files used in this product

Options / Accessories:

Replacement Print Heads	Factory installed via Brady tech repair
Replacement Print Rollers***	Variable widths to protect print head with narrow supplies - field installable
Auto Cutter	Full auto cutter and perf auto cutter available Field-installable to front panel
I/O Interface	Optional. Installed by Tech Support.

- ** User should test to the application. Small label print performance is affected by multiple factors including print speed, quantity of print run, burn setting and the size/layout of the printed elements.
- *** To avoid damage to printhead, always be sure ribbon width at least covers the total media with, and, use a roller width such that the roller is wider than the total media with but narrower than the ribbons width. The end result is that no exposed print head rubs against exposed roller.
- **** Windows® is a registered trademark of Microsoft Corporation, Nomex® and Tedlar® are registered trademarks of Dupont.

For more information, visit
BradyID.com.au/i7100

© 2018 Brady Worldwide Inc. All Rights Reserved.