

BradyPrinter i5100 Industrial Label Printer

The perfect mix of performance and smarts



The BradyPrinter i5100 Industrial Label Printer is smart and easy to use, offers excellent performance and prints over 1200 standard identification labels plus user specific, tailored custom labels.

Smart & connected

The BradyPrinter i5100 Industrial Label Printer communicates automatically with our label design apps, label consumables and ink ribbons for a smooth and fast printer setup. Its intuitive, full colour touch screen includes a label and print status monitor which also informs you when the installed ink ribbon does not optimally match the inserted label supplies. Brady labels can easily be loaded thanks to a self-centering roll holder and automatic calibration and label setup. On top of this, the printer features a range of standard ports for common industrial connectivity scenarios.

Excellent print performance

With 300 and 600 dpi printing, the BradyPrinter i5100 offers crisp, high quality printing on reliable, industrial grade labels from 5 up to 110 mm. Driven by a powerful 32 bit and 800 Mhz internal printer processor, the i5100 prints at a speed of up to 300 mm/sec at 300 dpi. The printer's interchangeable platen rollers help to keep its performance at maximum, even after intensive use.

Reliable, industrial grade labels

The BradyPrinter i5100 can print on 70 label materials, more than 1200 stock label parts and tailored custom label materials and parts.

Applications include:

- product identification labels: metallised labels, tamper-evident labels, work-in-process labels, QA testing labels, a.o.
- electronics and printed circuit board labels: polyimide traceability labels, removable labels, electrostatic dissipative labels, a.o.
- logistics and asset tracking labels: asset tracking labels, tote & pallet labels, repositionable bin & shelf labels, a.o.
- cable & component identification labels: self-laminating cable labels, cable sleeves, cable tags, push button labels, rating plate labels a.o.
- laboratory labels: cryo tube labels, slide labels, removable glassware labels, well plate labels, tissue cassette labels a.o.

Versions

Article No.	Order Ref.	Description
149458	i5100-300-UKEU	BradyPrinter i5100 300 dpi - UK/EU
306872	i5100-300-EU-LABS	BradyPrinter i5100 300 dpi - UK/EU with Brady Workstation LAB Suite
198778	i5100-300-EU-PWID	BradyPrinter i5100 300 dpi - UK/EU with Brady Workstation PWID Suite
149459	i5100-300-C-UKEU	BradyPrinter i5100 300 dpi - UK/EU with Cutter
306874	i5100-300C-EU-LABS	BradyPrinter i5100 300 dpi - UK/EU with Cutter and Brady Workstation LAB Suite
198779	i5100-300C-EU-PWID	BradyPrinter i5100 300 dpi - UK/EU with Cutter and Brady Workstation PWID Suite
198766	i5100-300-US	BradyPrinter i5100 300 dpi - US
306873	i5100-300-US-LABS	BradyPrinter i5100 300 dpi - US with Brady Workstation LAB Suite
198772	i5100-300-US-PWID	BradyPrinter i5100 300 dpi - US with Brady Workstation PWID Suite
198767	i5100-300-C-US	BradyPrinter i5100 300 dpi - US with Cutter
306875	i5100-300C-US-LABS	BradyPrinter i5100 300 dpi - US with Cutter and Brady Workstation LAB Suite
198773	i5100-300C-US-PWID	BradyPrinter i5100 300 dpi - US with Cutter and Brady Workstation PWID Suite



The Basic Suite is included with every printer, all you need to do is download it.
Workstation.BradyID.com/Free



Quickly identify your products and wires with customised text or graphical labels, using serialised or imported data.
Workstation.BradyID.com/ProductandWire



Ensure labels for all your lab samples and equipment are crisp, clear, readable and contain all necessary information. Easily design and create labels for your cryovials, centrifuge tubes, bottles, conicals, slides and other samples in your laboratory. **Workstation.BradyID.com/LAB**

Article No.	Order Ref.	Description
149461	i5100-600-UKEU	BradyPrinter i5100 600 dpi - UK/EU
306876	i5100-600-EU-LABS	BradyPrinter i5100 600 dpi - UK/EU with Brady Workstation LAB Suite
198780	i5100-600-EU-PWID	BradyPrinter i5100 600 dpi - UK/EU with Brady Workstation PWID Suite
149462	i5100-600-C-UKEU	BradyPrinter i5100 600 dpi - UK/EU with Cutter
306878	i5100-600C-EU-LABS	BradyPrinter i5100 600 dpi - UK/EU with Cutter and Brady Workstation LAB Suite
198781	i5100-600C-EU-PWID	BradyPrinter i5100 600 dpi - UK/EU with Cutter and Brady Workstation PWID Suite
198768	i5100-600-US	BradyPrinter i5100 600 dpi - US
306877	i5100-600-US-LABS	BradyPrinter i5100 600 dpi - US with Brady Workstation LAB Suite
198774	i5100-600-US-PWID	BradyPrinter i5100 600 dpi - US with Brady Workstation PWID Suite
198769	i5100-600-C-US	BradyPrinter i5100 600 dpi - US with Cutter
306879	i5100-600C-US-LABS	BradyPrinter i5100 600 dpi - US with Cutter and Brady Workstation LAB Suite
198775	i5100-600C-US-PWID	BradyPrinter i5100 600 dpi - US with Cutter and Brady Workstation PWID Suite

Printer specifications

Printer specifications	
Description	BradyPrinter i5100
Colour Capability	Monocolour
Print Speed (mm/sec)	300.00 mm/s
Print Resolution (dpi)	300 / 600
Internal Memory	256MB RAM, 50MB IFFS Flash, SD card, slot up to 512GB
Size W x H x D (mm)	240 x 317 x 435
Stand-alone Printing (Detached from PC)	Stand-alone & Peripheral
Weight (kg)	6.62
Warranty	2 years
Calibration	Automated with IP-enabled consumables

Media	
Continuous vs Die-cut Labels	Continuous Tape & Die Cut Labels
Label/Media Format	Media & Ribbon, supplied separately
Min. Label Width (mm)	5.00
Max. Label Width (mm)	110.00
Min. Liner Width (mm)	9.00
Max. Liner Width (mm)	112.00
Max. Print Width (mm)	105.70
Recommended Usage per Day	5000

Display	
Display	Colour Touchscreen
Display Resolution	480 x 272 pixels
On Screen Indicators	Ribbon Remaining, Supply Remaining, USB Slave Status, Ethernet Status, Bluetooth Status, Data Reception, Data Recording, Digital Clock, USB Memory Stick inserted, SD Memory Card inserted, WLAN Field Intensity, Print Mode: Brady or Standard, Ribbon and label part number recognition, Sensor: selection and positioning

Software & connectivity	
Connectivity Options	Ethernet WiFi (optional) Bluetooth (optional) Serial USB
Software Compatibility	Brady Workstation Windows based driver for 3rd party software use
Programming Language	abc Basic Compiler, Database Connector, Jscript, ZPL Emulator

Compliance	
Approval/Compliance	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)

Accessories

Article No.	Order Ref.	Description
133251	PCK-6	Printer Cleaning Kit, Thermal Transfer Printers
149080	BT-USB-ADAPT	Bluetooth USB Adapter
149131	WLAN-EXANT	USB Wlan Stick with External Antenna
149470	i5100-IP-HOLDER	RFID enabled Media Roll Holder
149471	i5100-PR-120mm	i5100 120mm Platen Roller
149472	i5100-PR-25mm	i5100 25mm Platen Roller
149473	i5100-PR-50mm	i5100 50mm Platen Roller
149562	i5100-IP-RIBBTUP	Ribbon Takeup Spindle
149598	i5100-PR-80mm	i5100 80mm Platen Roller
197823	SD-CARD-8GB	SD Memory card 8GB



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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

