Datasheet

HP Latex 115 Printer

Easy, affordable access to indoor and outdoor 54-in large-format printing

Gain business with amazing image quality

- Print a wide range of high-quality indoor and outdoor signage, even on low-cost uncoated media.

- Impress with six colors of HP Latex inks—you can achieve amazing, vivid colors and smooth transitions.

- Produce professional, high-resolution prints up to 1200 x 1200 native dpi.

- Free solutions—from the HP Signage Suite[2] to the HP WallArt Suite[3]—help you bring your ideas to life.

Deliver same day—say yes to any job[1]

- Produce high quality at speed—129 ft² (12 m²)/hr for indoor quality.[5]

- Reduce waiting time—prints come out dry and ready for finishing and installation, for same-day delivery.

- You can minimize damage risk, avoid lamination for short-term applications with scratch-resistant prints.[4]

- Deliver with confidence—outdoor prints last up to 5 years laminated, 3 years unlaminated.[4]

Enjoy easy and intuitive operation

- Simplify printer operation and gain time/space with automatic maintenance and front-media loading capabilities

- Cut your jobs easily and efficiently with the automatic X-axis cutter.

- Replace HP Latex ink cartridges and printheads yourself; unplug the printer without risk of printhead damage.

- Stay connected with your printer in real time while you're away with the free HP Latex Mobile app.[6]

For more information, please visit
http://www.hp.com/go/Latex115

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[1] The HP Latex 115 Printer produces an extremely broad range of both outdoor and indoor applications from a single device, which surpasses the number of different applications that traditional eco-solvent printers or water-based printers can produce.
[2] Requires an HP Applications Center account, Internet connection, and connected Internet-capable device. For more information, see http://www.hpapplicationscenter.com.
[3] Requires an HP WallArt account, Internet connection, and connected Internet-capable device. For more information, see http://www. hpwallart.com.
[4] Scratch resistance is comparable to hard-solvent inks on self-adhesive vinyl and PVC banner. Estimates by HP Image Permanence Lab on a range of media. Scratch-resistance comparison based on testing HP Latex Inks and representative hard-solvent inks. Outdoor display permanence tested according to SAE J2527 using HP Latex Inks on a range of media, including HP media; in a vertical display orientation in simulated nominal outdoor display conditions for select high and low climates, including exposure to direct sunlight and water; performance may vary as environmental conditions change. Laminated display permanence using HP Clear Gloss Cast Overlaminate. Results may vary based on specific media performance.
[5] Indoor quality (8-pass 6-color) mode.
[6] HP Latex Mobile is compatible with Android™ 4.1.2 or later and iOS 7 or later, and requires the printer and the smartphone or tablet to be connected to the Internet.

Technical specifications

Printing

Printing modes	48 m²/hr - Billboard (2 pass) 16 m²/hr - Outdoor Plus (6 pass) 12 m²/hr - Indoor Quality (8 pass) 10 m²/hr - Indoor High Quality (10 pass) 6 m²/hr - Backlits, Textiles, and Canvas (16 pass) 5 m²/hr - High Saturation Textiles (20 pass)
Print Resolution	Up to 1200 x 1200 dpi
Margins	5 x 5 x 5 x 5 mm
Ink Types	HP Latex Inks
Ink cartridges	Black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer
Cartridge size	400 ml
Printheads	6 (2 cyan/black, 2 magenta/yellow, 1 light cyan/light magenta, 1 HP Latex Optimizer)
Color Consistency	Average ≤ 1 dE2000, 95% of colors ≤ 2 dE2000

Media

Handling	Roll feed; take-up reel (optional); automatic cutter (for vinyl, paper-based media, backlit polyester film)
Media Types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, synthetics, (fabrics, mesh, textiles and any other porous materials require a liner)
Roll sizes	254 to 1371-mm rolls (580 to 1371-mm rolls with full support) [10 to 54-in rolls (23 to 54-in rolls with full support)]
Roll weight	25 kg (55 lb)
Roll diameter	180 mm (7.1 in)
Thickness	Up to 0.5 mm

Applications

Applications	Banners; Displays; Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration; Light boxes - film; Light boxes - paper; Murals; POP/POS; Posters; Vehicle graphics

Connectivity

Connectivity	Standard: Gigabit Ethernet (1000Base-T)

Dimensions (w x d x h)

Printer:	2307 x 840 x 1380 mm (91 x 33 x 54 in)
Packaging:	2553 x 762 x 1252 mm (100.5 x 30 x 49.5 in)

Weight

Printer:	174 kg (384 lb)
Packaging:	257.5 kg (568 lb)
What´s in the box	HP Latex 115 Printer; printheads; maintenance cartridge; printer stand; spindle; user maintenance kit; edge holders; quick reference guide; setup poster; documentation software; FlexiPrint BASIC HP Edition RIP; power cords

Environmental ranges

Operating temperature	15 to 30ºC
Operating humidity	59 to 86ºF

Acoustics

Acoustics	Sound pressure: 54 dB(A) (printing) < 15 dB(A) Sound power: 7.2 B(A) (printing) < 3.5 B(A)

Power

Consumption	2.2 kW (printing); 70 W (ready); < 2.5 W (sleep)
Requirements	Input voltage (auto ranging) 200-240 V (±10%) two wires and PE; 50/60 Hz (±3 Hz); two power cords; 3 A max for printer and 13 A max per curing

Certification

Safety	IEC 60950-1+A1+A2 compliant; USA and Canada (CSA listed); EU (LVD and EN 60950-1 compliant); Russia, Belarus, and Kazakhstan (EAC); Argentina (IRAM); China (CCC); India (BIS)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), China (CCC), Japan (VCCI), Korea (KCC), Russia, Belarus, and Kazakhstan (EAC)
Environmental	ENERGY STAR; WEEE; RoHS (EU, China, Korea, India, Ukraine, Turkey); REACH; EPEAT Bronze; OSHA; CE marking compliant
Warranty	1 year provided that the HP Latex End of Installation Registration is completed by an HP authorized reseller

Ordering information

Product

1QE01A	HP Latex 115 Printer

Accessories

F0M55A	HP Latex 54-in Printer 2-in Spindle
F0M59A	HP Latex User Maintenance Kit
W5A60A	HP Latex 54-in Take-up Reel

Original HP Printheads

CZ677A	HP 831 Cyan/Black Latex Printhead
CZ678A	HP 831 Yellow/Magenta Latex Printhead
CZ679A	HP 831 Light Magenta/Light Cyan Latex Printhead
CZ680A	HP 831 Latex Optimizer Printhead

Original HP ink cartridges and maintenance supplies

G0Y86A	HP 821 400-ml Cyan Latex Ink Cartridge
G0Y87A	HP 821 400-ml Magenta Latex Ink Cartridge
G0Y88A	HP 821 400-ml Yellow Latex Ink Cartridge
G0Y89A	HP 821 400-ml Black Latex Ink Cartridge
G0Y90A	HP 821 400-ml Light Cyan Latex Ink Cartridge
G0Y91A	HP 821 400-ml Light Magenta Latex Ink Cartridge
G0Y92A	HP 821 400-ml Latex Optimizer Ink Cartridge
CZ681A	HP 831 Latex Maintenance Cartridge

Service and Support

HP 2 year Next Business Day with Defective Media Retention Latex 115 HW Support U9TR5E

HP 3 year Next Business Day with Defective Media Retention Latex 115 HW Support U9TR6E

HP 1 year Post Warranty Next Business Day with Defective Media Retention Latex 115 HW Support U9TR9PE

HP 2 year Post Warranty Next Business Day with Defective Media Retention Latex 115 HW Support U9TS0PE

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samples and private demonstrations available upon request