

Technical specification

GENERAL		PRINTING		INK	
General	HP SitePrint Robot	Ink cartridge	1 cartridge (400ml -13.5oz Ink System)	7J3Q9A	HP SitePrint 100 Blue SB Semi-Permanent
Product	3F8P0A				
Power management	Exchangeable Lithium-Ion battery Each battery has a runtime of 4 hours. By combining both batteries, you can sustain continuous operation throughout an entire day shift.	Printing speed	Up to 1,260 m/h (4,134 ft/h)	76Y83A	HP SitePrint 101 Red SB Semi-Permanent
		Navigation speed	1,620 m/h (5,315 ft/h)	76Y82A	HP SitePrint 102 Black SB Permanent
		Minimum printable width	0.07in (2mm)	7J3R0A	HP SitePrint 103 Black WB Permanent
Application	Layout for building construction: interior walls, Mechanical, Electrical, Plumbing, Fire Protection, HVAC and Formwork.	Maximum printable width	2in (51mm)	7J3R1A	HP SitePrint 104 Cyan WB Permanent
Material	Porous surfaces: polished and rough concrete, tarmac and wood. Non-porous surfaces: terrazzo, vinyl and epoxi	Printable elements	Lines, Text, dashed-lines, curved lines, circumferences.	7J3R2A	HP SitePrint 105 Magenta WB Permanent
Obstacle avoidance	4 Safety sensors to avoid falloffs 3 LiDAR sensors to avoid collisions Step Overcoming Capacity: ¾" (19mm)	Printhead to floor distance	3/4 in (19 mm)	76Y80A	HP SitePrint 107 Cyan WB Semi-Permanent
Step Overcoming Capacity	¾" (19mm)	Accuracy tolerance	1/8 in (3mm)2	76Y81A	HP SitePrint 108 Magenta WB Semi-Permanent
				76Y84A	HP SitePrint 109 Cleaning Fluid

ENVIRONMENTAL		DIMENSIONS		CONNECTIVITY	
Protection	IP44/NEMA1	Dimensions	Printer only: 50.5 x 31.7 x 26.1 cm – 19.8 x 12.4 x 10.2 in With transportation case: 62.5 x 49.0 x 36.5 cm – 24.6 x 19.2 x 14.3 in	RTS Compatibility	Leica iCR70/80 Leica TS16 Topcon LN-150 Trimble RTS573
Maximum slope	2.5° (4.4%)				
Recommended operating temperature range	From 15F to 105F (From -10°C to 40°C)3	Weight	Printer only: 8.9kg – 19.7 lb With transportation case: 17.7kg – 39.0lb	Connectivity	Bluetooth, 4G, WiFi
Operating humidity	20%-80%				
Operating altitude	6560 ft (2,000 m)				

CERTIFICATIONS

Safety	Electromagnetic	Environmental
United State & Canada CAN/UL 3100 TÜV Certified; EU MD compliant EN 1175, EN 60204-1, EN ISO 3691, EN ISO 13849.	Compliant with Class A requirements, including USA (FCC rules), Canada (ICES), EU (RED), Australia (ACMA), New Zealand (RSM).	WEEE, EU RoHS, REACH, CE marking compliant.

¹ Up Up to ten times the productivity' claim is based on data from pilot case studies where HP SitePrint was used- comparing the HP SitePrint performance either to the manual chalk-line layout that was done before HP SitePrint was used on the same job or to the customer estimation on the time/resources needed based on experience with similar projects. Exact improve - ment factors will vary from project to project and can be influenced by multiple factors, such as the line density or the dimensions of the site.

² Accuracy tolerance of +/- 1/8in average while operating with a 3" Total Station at a distance between 5m and 30m"

³ Recommended operating temperature range: Water-Based Inks from 32F to 105F (0°C to 40°C) and Solvent-Based Inks from 15F to 105F (-10°C to 40°C)

