Data sheet

HP SD Pro 44-in Scanner

Boost production with accurate color scanning—crisp lines and fine detail—delivered in high speed

ACCELERATE—Speed up production and drive results

- Accomplish more with incredible speeds—scan 6 inches/sec in color, 13 inches/sec in monochrome[1]

- Experience an uninterrupted workflow with advanced touchscreen controller that enables ultra-fast processing

- Save time operating and managing your scanner with an intuitive user interface that requires less clicks to final scan

- Be more productive with improved compression options, unlimited presets, multi-page PDFs, and collating

EXPAND—Do more with advanced scanning technology

- Reproduce AEC/CAD drawings, blueprints, and maps with crisp lines and fine detail using CIS scanning technology

- Eliminate unwanted shadows and backgrounds with the new dual-illuminating system in CIS technology

- Produce high-quality results with 1200 dpi optical resolution for up to 44-inches (1118-mm) wide originals

- Easily share and collaborate—scan to HP SmartStream software,[2] email, USB, network folders, and HDDs

OPTIMIZE—Integrate and secure your workflow

- Enjoy seamless integration with HP PageWide XL and HP DesignJet printers; rely on a single support solution

- Avoid reprints—large touchscreen to preview, enhance images; post-scan editing with HP SmartStream software[2]

- Protect your data with advanced security—set up a password to scan to USB and access advanced settings

- Build a multifunction system[3]—save space with the adjustable stand and easily control output destinations[4]

Technical specifications

Scan and copy	Scan speed[1]	Color: 15 cm/sec (6 in/sec) Grayscale: 33 cm/sec (13 in/sec)
	Enhanced resolution	9600 dpi
	Optical resolution	1200 dpi
	Imaging technology	CIS scanning technology
	Accuracy	+/- 0.1% +/- 1 pixel
	Data capture (color/mono)	48-bit/16-bit
	Maximum scan width	1118 mm (44 in)
	Supported file formats	PDF, TIFF, JPEG, JPEG2000, DWF, multi-page PDF generation
	Scan to	File, email, USB, HDD, network folder, FTP, print
	Settings	Type of original-preset, color mode, resolution (dpi), batch, single/multi-page, file format, customizable file naming, customizable default settings, de-skew, image crop and align preview, enlarge/reduce, blueprint, lightness, saturation and RGB controls, white point and black point adjust, sharpen/blur, background removal, invert, mirror, accounting
	Copier specific settings	Print mode, output size, paper type, copies, page order, collate, printer output destination (folder, stacker, bin),[4] folding style selection,[6] paneling, tiling, nesting, reprint
	Maximum scan size[7]	0.91 x 26 m (36 x 1204 in); 0.6 x 37.9 m (24 x 1491 in); 0.3 x 75.8 m (12 x 2991 in)
	Maximum copies	Unlimited
	Batch	Available with scan and copy
	Preview	Scan, copy and print after previewing the original in the advanced touchscreen controller
	Size detection	Automatic width detection. Manual size selection also possible
Applications		Line drawings, Maps, Office Graphics, Posters, Presentations
Media	Handling	Straight-through scan paper path for sheet and cardboard originals. Face-up, front entry, rear exit, rewind to front, use document return guide for front-return
	Types[8]	Non-abrasive paper, sepia, blueprints, plastic, plastic laminate, foam board, cardboard, newspaper
	Size	Up to 1168 mm (46 in) wide
	Thickness	Up to 2 mm (0.08 in)
Processor		Intel Core i7
Memory		4 GB[9] memory, 500 GB[10] hard disk
Connectivity	Interfaces (standard)	Dual Gigabit Ethernet (1000Base-T), Hi-Speed USB 3.0 certified
	Drivers (included)	Windows drivers for compatible HP PageWide XL and HP DesignJet Printers
User Interface		15.6-inch (396-mm) large touchscreen to preview and enhance images
Languages		Chinese (simplified), Chinese (traditional), Dutch, English, French, German, Italian, Japanese, Korean, Portuguese, Spanish
Dimensions (w x d x h)	Scanner	930 x 1470 x 1660 mm (37 x 58 x 65 in)
	Shipping	1500 x 680 x 710 mm (59 x 27 x 28 in)
Weight	Scanner	60 kg (132 lb)
	Shipping	85 kg (187 lb)
What's in the box		HP SD Pro 44-in Scanner, stand, touchscreen (panel PC), quick reference guide, media guides, setup poster, copy/scan software, documentation software, Ethernet cables (x2), power cords
Environmental ranges	Operating temperature	5 to 40ºC (41 to 104ºF)
	Storage temperature	-25 to 55ºC (-13 to 131ºF)
	Operating humidity	20 to 80% RH
Acoustic	Sound pressure	62 dB(A) (scanning); 30 dB(A) (ready); 30 dB(A) (sleep)
	Sound power	6.4 B(A) (scanning); 3.3 B(A) (ready); 3.3 B(A) (sleep)
Power	Consumption	47 watts (scanning); 40 watts (ready); <3 watts (sleep)
	Requirements	Input voltage (auto rangVing): 100 to 240 VAC (+/- 10%), 50/60 Hz, 5 A max
Certification	Safety	USA and Canada (CSA certified), EU (LVD and EN 60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NYCE), Korea (KC)
	Electro magnetic	Compliance for Class A ITE products: EU (EMC Directive), USA (FCC Rules), Canada (ICES), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (MSIP), Russia (EAC)
	Environmental	ENERGY STAR, WEEE, RoHS (EU, China, Korea, India), REACH, EPEAT Bronze
Warranty		One-year limited hardware warranty

Ordering information

Product	G6H50B	HP SD Pro 44-in Scanner

Service and support

Product	H4518E	HP Installation Service with Network Setup
	U5AC5E	HP 3 year Next Business Day Onsite Support with Defective Media Retention
	U5AC6E	HP 5 year Next Business Day Onsite Support with Defective Media Retention
	U5AC7PE	HP 1 year Post Warranty Next Business Day Onsite Support with Defective Media Retention

Supported printers

HP PageWide XL 8000 Printer
HP PageWide XL 8000 Blueprinter[11]
HP PageWide XL 5000 Printer series
HP PageWide XL 5000 Blueprinter[11]
HP PageWide XL 4000/4500 Printer series
HP DesignJet Z6800 Photo Production Printer
HP DesignJet Z6600 Production Printer
HP DesignJet Z6200 Photo Production Printer
HP DesignJet Z6100 Printer series
HP DesignJet Z5400 PostScript® Printer
HP DesignJet Z5200 Photo Printer
HP DesignJet Z3200 Photo Printer series
HP DesignJet Z3100 Photo Printer series
HP DesignJet Z2100 Photo Printer series
HP DesignJet T7200 Production Printer
HP DesignJet T7100 Printer series
HP DesignJet T3500 Production MFP
HP DesignJet T2530 Multifunction Printer series
HP DesignJet T2500 Multifunction Printer series
HP DesignJet T2300 Multifunction Printer series
HP DesignJet T1530 Printer series

HP DesignJet T1500 Printer series
HP DesignJet T1300 Printer
HP DesignJet T1200 Printer series
HP DesignJet T1120 Printer series
HP DesignJet T1100 Printer series
HP DesignJet T930 Printer series
HP DesignJet T920 Printer series
HP DesignJet T830 Multifunction Printer
HP DesignJet T795 Printer
HP DesignJet T790 Printer series
HP DesignJet T770 Printer series
HP DesignJet T730 Printer
HP DesignJet T610/T620 Printer series
HP DesignJet T520 Printer series
HP DesignJet 5500 Printer series
HP DesignJet 5100 Printer
HP DesignJet 4500/4520 Printer series
HP DesignJet 4000/4020 Printer series
HP DesignJet 1050C/1055CM Printer series
HP DesignJet 510 Printer series
HP DesignJet 500 Printer series

Eco Highlights

- ENERGY STAR® qualified and EPEAT Bronze registered[5]

Please recycle large-format printing hardware and printing supplies. Find out how at our website
hp.com/ecosolutions

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1. Monochrome scanning: A1/D image with black text graphics at 200 dpi; color scanning: A1/D fully-inked color image at 200 dpi, 24-bit RGB.
2. HP SmartStream is a professional software solution that supports HP PageWide XL printer series and HP DesignJet Production printers.
3. Scanner can be placed above the following HP DesignJet printers: HP DesignJet 500/510/T520/T610/T620/T790/T1100/T1200/T1500/T7100/Z6100 Printer series; HP DesignJet T795/T1300 Printers; HP DesignJet Z2100/Z3100/Z3200 Photo Printer series; HP DesignJet Z5200 Photo Printer; HP DesignJet Z5400 PostScript Printer; HP DesignJet Z6200/Z6800 Photo Production Printers; HP DesignJet T7200/Z6600 Production Printers.
4. Output destinations when copying—such as folders and stackers—are available for the HP PageWide XL 8000 Printer, HP PageWide XL 5000 Printer series, HP DesignJet T7200 Production Printer, HP DesignJet T7100 Printer series, HP DesignJet T3500 Production MFP, HP DesignJet T2500 Multifunction Printer series,
   HP DesignJet T1500 Printer series, and HP DesignJet T920 Printer series
5. EPEAT registered where applicable and/or supported. See epeat.com for registration status by country.
6. Only available when folder accessory is available and supported by the HP large-format printer.
7. The HP SD Pro 44-in Scanner maximum scan length is 20.6 m (813 in) for a 44-in width image. The maximum scan size is measured using a color original at 200 dpi and TIFF file format. For grayscale or black-and-white originals, the maximum scan length is longer in all cases.
8. The HP SD Pro 44-in Scanner does not support the following types of media: plywood, stone plates, metal plates or abrasive, dirty, rough, sharp edged, metal clamped, or burned surfaces or transparencies.
9. Scanning process.
10. For scan job storage, Win7OS and recovery system.
11. Only available in Asia Pacific countries with the exception of Korea, Singapore, Australia, and New Zealand.