



HP SD Pro Scanner

Boost production with accurate colour scanning: crisp lines and fine detail delivered in high speed.



ACCELERATE – Speed up production and drive results

- Accomplish more with incredible speeds – scan 152.4 mm (6 inches)/sec in colour, 330.2 mm (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 1118-mm (44-inches) wide originals.
- Easily share and collaborate – scan to HP SmartStream software,² email, USB, network folders, and HDDs.

OPTIMISE – 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 system³ – save space with the adjustable stand and easily control output destinations.⁴

For more information, please visit <http://www.hp.com/go/designjetsdscanner>

¹ Monochrome scanning: A1 image with black text graphics at 200 dpi; colour scanning: A1 fully-inked colour 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 printers from the following HP DesignJet printer series: T730/T790/T795/T830/T1300/T1500/T1700/T2300/T5400/T7100/T7200/Z2100/Z3200/Z5200/Z5600/Z6200/Z6/Z9+.

⁴ Output destinations when copying – such as folders and stackers – are available for HP PageWide XL 3900/4000/4100/4500/5000/5100/6000/8000 printers, HP DesignJet 5100/T1300/T1500/T1530/T1600/T1700/T2300/T2500/T2530/T2600/T3500/T7100/T7200/T730/T790/T795/T830/T920/T930/Z2100/Z3200/Z5200/Z5400/Z5600/Z6/Z9+/Z6200/Z6610/Z6810 printers, and HP DesignJet XL 3600 printers.

Technical specifications

Scan and copy	
Scan speed	Colour: up to 15 cm/sec Greyscale: up to 33 cm/sec ¹
Resolution	1200 dpi
Technology	CIS scanning technology
Accuracy	0.1% ±1 pixel
Data capture (color/mono)	48-bit/16-bit
Scan format	PDF, PDF/A, TIFF, JPEG, JPEG2000, DWF, multi-page PDF generation
Scan destinations	File, email, USB, HDD, network folder, FTP, print
Settings	Print mode, output size, paper type, copies, page order, collate, printer output destination (folder, stacker, bin), folding style selection (only available when folder accessory is available and supported by the HP large-format printer), paneling, tiling, nesting, reprint
Maximum scan width	1118 mm
Applications	Line drawings; Renderings; Presentations; Maps; Orthophotos
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	Non-abrasive paper, sepia, blueprints, plastic, plastic laminate, foam board, cardboard, newspaper (no plywood, stone plates, metal plates or abrasive, dirty, rough, sharp edged, metal clamped, or burned surfaces or transparencies)
Maximum media width	1168 mm
Maximum media thickness	2 mm
Panel PC	
User interface	396 mm (15.6 inch) large touchscreen to preview and enhance images
Embedded operating system	Windows 10
Processor	Intel Core i7
Memory	4 GB
Hard disk	500 GB
Connectivity	
Interfaces	Dual Gigabit Ethernet (1000Base-T), SuperSpeed USB 3.0
Drivers	Windows drivers for compatible HP PageWide XL and HP DesignJet Printers
Dimensions (w x d x h)	
Scanner	1530 x 930 x 1660 mm
Shipping	1500 x 680 x 710 mm
Weight	
Scanner	60 kg
Shipping	85 kg
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; 2 x Ethernet cables; Power cords
Environmental ranges	
Operating temperature	5 to 35°C
Operating humidity	20 to 80% RH
Storage temperature	-25 to 55°C
Acoustics	
Sound pressure	62 dB(A) (operating), <30 dB(A) (idle), <30 dB(A) (sleep)
Sound power	6.4 B(A) (operating), <3.3 B(A) (idle), <3.3 B(A) (sleep)
Power	
Consumption	47 W (scanning), 32 W (ready), 1.8 W (sleep)
Requirements	Input voltage (auto ranging): 240 V (±10%), 50/60 Hz, 5 A max
Certification	
Safety	EU: LVD and EN 60950-1 compliant; Russia: EAC
Electromagnetic	Compliance for Class A ITE products: EU (EMC Directive), Russia (EAC)
Environmental	ENERGY STAR, WEEE, RoHS, REACH, EPEAT
Warranty	One-year commercial hardware warranty

Ordering information

Product	
6GH50B	HP SD Pro 44-in Scanner
Accessories	
P7V13A	HP Pro Scanner Output Delivery Tray
Service and Support	
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 HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit http://www.hp.com/go/cpc	
Supported printers	
HP DesignJet T1700 Printer series HP DesignJet T2600 Multifunction printer series HP DesignJet T1600 Printer series HP DesignJet T3500 Production Multifunction Printer HP DesignJet T7200 Production Printer HP DesignJet T730 Printer HP DesignJet T830 Multifunction Printer HP DesignJet T930 Printer series HP DesignJet XL 3600 Multifunction Printer series HP DesignJet Z5200 Photo Printer HP DesignJet Z5600 PostScript Printer HP DesignJet Z6 PostScript Printer series HP DesignJet Z9+ PostScript Printer series HP DesignJet Z6810 Production Printer series HP PageWide XL 3900 Multifunction Printer HP PageWide XL 4000 Printer HP PageWide XL 4100 Printer HP PageWide XL 5100 Printer HP PageWide XL 8000 Printer	

ECO highlights

- ENERGY STAR® qualified and EPEAT registered¹

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

¹ EPEAT registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

¹ Colour scanning: A1/D fully-inked colour image at 200 dpi, 24-bit RGB. Monochrome scanning: A1/D image with black text graphics at 200 dpi.