



Desktop document scanner

with wired and wireless connectivity

ADS-4550W



2.4GHz

brother.co.uk/scanners/desktop-document-scanners

Fast, wired and wireless desktop document scanner

Simple and intuitive, offering a user-friendly touch screen combined with the option of wired and wireless connectivity. The ideal choice for shared use in an office or at home.

ADS-4550W



Key features:

- Scan up to 35 pages per minute
- 2-sided scan up to 70 images per minute and advanced image processing
- 60 sheets automatic document feeder (ADF)
- Intuitive 7.1cm touchscreen
- Auto start scan
- Comprehensive software suite included²

Fast and reliable

With high-quality and robust roller mechanisms, the ADS-4550W also has a large 60 sheet ADF capacity and can scan up to 35 pages per minute.

Smart design

Effortless setup with a user-friendly touchscreen that enhances navigation and control.

Advanced connectivity

With USB 3.0, USB host, ethernet and Wi-Fi connectivity, you can securely scan and share documents, without the need for a PC or have instant remote access to your machine to scan directly to your mobile device.

Work efficiently

Enjoy effortless and impressive image capture and processing - from easily referencing and locating scanned pages with the digital imprinter, to optimising image quality through the automatic vertical streaks and moiré reduction tools.

Compact and eco-friendly design

The ADS-4550W has a compact and space-saving design, which minimises the environmental impact of manufacturing. By incorporating recyclable materials, waste is significantly reduced and the use of 100% Expanded Polystyrene (EPS) free packaging is much easier to recycle.

Industry recognised software

Increase post-scanning productivity with industry recognised software including Tungsten Automation and NewSoft, available as standard with this device.



General

Product form factor Sheetfed desktop document scanner	Local interface SuperSpeed USB 3.0, USB 3.0 host (rear)	Wi-Fi Direct™ 12 Scan without having to use a wireless access point (both automatic and manual methods supported)
Scanner type Dual contact image sensor (cis), LED array light source	Wired network interface 10Base-T/100Base-TX	Mobile scan View scans on your mobile device from your Brother scanner
Control panel 7.1cm (2.8") touchscreen, 3 navigation keys, on/off switch	Wireless network interface 2.4GHz: IEEE 802.11b/g/n, (infrastructure mode)	Configurable shortcuts Add, delete, change up to 20 individual shortcuts for quick and secure access to device functions
Backup clock Up to 24 hours		

Scan

Scan speed (A4) (Colour and mono) Up to 35 pages per minute (ppm)	Interpolated scan resolution³ Up to 1,200 x 1,200dpi	Colour depth 48-bit internal 24-bit external
Scan speed 2-sided (A4) Up to 70 image per minute (ipm)	Wake-up time From sleep mode: 5 sec, USB connected 19 sec Wi-Fi/wired LAN connected	Greyscale 256 levels (8 bit)
Optical scan resolution Up to 600 x 600dpi		

Scanner functions

Image processing³ Auto Deskew (Feed) ⁶ , Detect End of Page ⁶ , Margin Setting, Auto Image Rotation ⁶ , Edge Fill ⁵ , Tear Fill ⁶ , Punch Hole Removal ⁶ , Auto Colour Detect, Blank Page Removal, Diffusion Adjustment - Grey ⁵ , Colour Tone Adjust ⁶ , Auto Colour Detect, Background Processing ⁶ , Colour Drop ⁶ , Edge Emphasis ⁶ , Moire Reduction ⁶ , Vertical Streak Reduction ⁵ , B&W Threshold Adjustment ⁶ , Character Correction ⁶ , B&W Inversion ⁶ , Noise Reduction ⁵ , Remove Ruled Line ⁵ , 2in1 Scan ⁶ , 1to2 Scan ⁶ , Carrier Sheet Mode ⁵ , Plastic Card Mode ⁵ , Single Page Scan ⁵ , Continuous Scan ⁵ , Multi Feed Detection ⁶ , Long Page Scan ⁵ , Resume Scan, Barcode Detection ⁵ , JPEG Compression ⁵ , Optimise Data Transfer ⁵ , Digital Imprinter ⁵ , Custom TWAIN Profiles ⁵	File format support Including PDF (single, multi, PDF/A-1b, secured, signed), JPEG, TIFF (single, multi)
	Standard functions Scan to PC, Image ³ , Network (SMB), Email Server, Workflow ³ , FTP/SFTP
	Scan profiles⁵ Create up to 25 preset scan to SFTP/FTP/Network profiles

Direct scan

Scan directly to a USB flash memory storage

Software²

Windows drivers
TWAIN, WIA
Windows 11
(Home|Pro|Education|Enterprise)
Windows 10
(Home|Pro|Education|Enterprise)
(32 or 64 bit editions)
Windows Server⁷
2025, 2022, 2019, 2016

Windows software
NewSoft Presto! Bizcard, Image Folio, Brother iPrint&Scan for Desktop, Tungsten PaperPort SE 14, Tungsten Power PDF Standard, Remote Setup

Macintosh software
NewSoft Presto! Bizcard, Image Folio, Brother iPrint&Scan for Desktop, Remote Setup

Linux drivers
SANE

Media handling

ADF
60 sheets⁴

Media sizes^{8,9}

Width: 50.8 - 215.9mm,
Height: 50.8 - 355.6mm,
Long paper: 5000mm

Plastic card
Length (ISO): 85.60mm,
Width (ISO): 53.98mm

Media types

Plain paper, thin paper,
thick paper, thicker paper,
recycled paper, business card,
plastic card

Media

Paper weight: 40 - 200gsm
Plastic card thickness:
Up to 1.32mm embossed,
up to 1.10mm without emboss

Mobile and web connectivity

Brother Mobile Connect

Use a Brother app to scan to a mobile device running iOS or Android operating system

Fleet management tools

Embedded web server

Using the IP address or node name of your device access via a web browser to the web based print management software embedded onto the device using an encrypted password

LAN/WAN management software^{2,5}

Brother BRAdmin Light and BRAdmin Professional 4

Network Security

IPv4

DHCP, APIPA (Auto IP), WINS/NetBIOS, DNS Resolver, mDNS, SNMPv1/v2c/v3, ICMP, Web Services (Scan), HTTP/HTTPS server, LLMNR responder, SNTP Client

IPv6

RA, DNS Resolver, mDNS, LLMNR responder, Web Services(Scan), SNTP Client, HTTP/HTTPS server, ICMPv6

IP filter

Restrict which network users can or cannot access the device over the network (IPv4 only)

Wireless network security

SMTP-AUTH, TLS, SSL (HTTPS, SMTP), WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), WPA3-SAE (AES)

Wireless setup support

Wi-Fi Protected Setup™ (WPS)

Security features

Kensington lock

Firmware updates

Port-based network access control

E-mail notifications

E-mail reports

Setting lock

Secure function lock 3.0

Address book

Speed dials

300 locations for E-mail addresses

Group send

A combination of up to 50 groups can be stored for broadcasting

Consumables and upgrades

Carton contents

ADS machine, detachable ADF, power supply cord, AC adaptor, USB cable, quick setup guide, product safety guide, warranty

Optional roller kit

PRK-A3001: 100,000 sheets

Optional A3 carrier sheet

CS-A3301: 500 times (pack of 2)

Dimensions and weights

Scanner with carton (WxDxH)

391 x 243 x 320 mm - 4.50kg

Scanner without carton (WxDxH)

Input/output closed (mm)
300 x 216 x 191
Input/output open (mm)
300 x 630 x 290mm
ADF input tray detached (mm)
300 x 154 x 158
Including ADF - 2.70kg

Duty cycle

Maximum daily

5,250 sheets

Maximum monthly¹

105,000 sheets

Environment

Power requirements

AC: 100-240V, 50/60 Hz,
DC: 24V, 1.9A

Power consumption

Scanning: 25W
Ready: 7.3W
Sleep: 1.7W
Network Standby¹⁰: 2.3W
Power Off: 0.1W

Power management¹¹

Sleep settings:
5-90 min set at device,
5-20 min set via EWS or
Remote Setup

Auto power down:
OFF - 8 hours set at device,
20 min when set via EWS or
Remote Setup

Sound power

Scanning <59dB

Operating environment

Humidity 20 - 80 %
5°C - 35°C, 41°F - 95°F

Storage environment

Humidity 10 - 90 %
-20°C to 60°C, -4°F to 140°F

Certification

RoHS

GS Mark

Wi-Fi certified

WPA3™ Enterprise, WPA3™
Personal, Wi-Fi Protected
Setup™, Wi-Fi Direct™

WHQL

1. Maximum number of scanned pages per month can be used to compare design durability between like Brother products. For maximum scanner life, it is best to choose a scanner with a duty cycle that far exceeds your scan requirements. 2. Free download from the Brother Solutions Centre <http://solutions.brother.com>. 3. All supported using downloadable software. 4. Capacity varies dependent on paper weight. 5. Windows Only. 6. Windows & macOS Only. 7. Windows server support scanner driver only. 8. Document sizes larger than A4, but not exceeding A3, can be scanned (single-side) using carrier sheet. 9. Can scan single sided documents longer than A4 size. When using Brother (TWAIN) to scan at 200dpi, the maximum scanning length is 5,000mm. 10. When all wired or wireless network ports are connected and are activated. 11. Deactivate or increase an ecology setting can cause a warning message to be displayed either on your device or EWS or Remote Setup, depending where it has been configured. 12. Wi-Fi Direct supports WPA2-PSK (AES) only.

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Working with you for a better environment

At Brother, our green initiative is simple. We strive to take responsibility, act respectfully and try to make a positive difference to help build a society where sustainable development can be achieved. We call this approach Brother Earth. www.brotherearth.com

brother
at your side