



Desktop document scanner

with wired and wireless connectivity

ADS-4550W



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

Scanner type

Dual contact image sensor (cis),
LED array light source

Control panel

7.1 cm (2.8") touchscreen,
3 navigation keys, on/off switch

Backup clock

Up to 24 hours

Local interface

SuperSpeed USB 3.0,
USB 3.0 host (rear)

Wired network interface

10Base-T/100Base-TX

Wireless network interface

2.4GHz: IEEE 802.11b/g/n,
(infrastructure mode)

Wi-Fi Direct™ 12

Scan without having
to use a wireless access point
(both automatic and manual
methods supported)

Mobile scan

View scans on your mobile
device from your Brother
scanner

Configurable shortcuts

Add, delete, change up to 20
individual shortcuts for quick
and secure access to device
functions

Scan

Scan speed (A4) (Colour and mono)

Up to 35 pages per minute
(ppm)

Scan speed 2-sided (A4)

Up to 70 image per minute (ipm)

Optical scan resolution

Up to 600 x 600dpi

Interpolated scan resolution³

Up to 1,200 x 1,200dpi

Wake-up time

From sleep mode:
5 sec, USB connected
19 sec Wi-Fi/wired
LAN connected

Colour depth

48-bit internal
24-bit external

Greyscale

256 levels (8 bit)

Scanner functions

Image processing³

Auto Deskew (Feed)⁶, Detect
End of Page⁶, Margin Setting,
Auto Image Rotation⁶, Edge Fill⁵,
Tear Fill⁶, Punch Hole Removal⁶,
Auto Colour Detect, Blank Page
Removal, Diffusion Adjustment
- Grey⁵, Colour Tone Adjust⁶,
Auto Colour Detect, Background
Processing⁶, Colour Drop⁶, Edge
Emphasis⁶, Moire Reduction⁶,
Vertical Streak Reduction⁵,
B&W Threshold Adjustment⁶,
Character Correction⁶, B&W
Inversion⁵, Noise Reduction⁵,
Remove Ruled Line⁵, 2in1
Scan⁶, 1to2 Scan⁶, Carrier Sheet
Mode⁵, Plastic Card Mode⁵,
Single Page Scan⁵, Continuous
Scan⁵, Multi Feed Detection⁵,
Long Page Scan⁵, Resume
Scan, Barcode Detection⁵, JPEG
Compression⁵, Optimise Data
Transfer⁵, Digital Imprinter⁵,
Custom TWAIN Profiles⁵

File format support

Including PDF (single, multi,
PDF/A-1b, secured, signed),
JPEG, TIFF (single, multi)

Standard functions

Scan to PC, Image³, Network
(SMB), Email Server, Workflow³,
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 drivers

AirPrint Scan Support, TWAIN,
macOS 10.14.x or greater

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, LLNMR responder, SNTP Client

IPv6

RA, DNS Resolver, mDNS, LLNMR 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)

Wired network security

SMTP-AUTH, SSL/TLS (HTTPS, SMTP), SNMP v3, 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)

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