



# 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 included<sup>2</sup>

### 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 USB3.0, USB host, ethernet and WiFi 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

Sheet Fed Desktop  
Document Scanner

Scanner Type

Dual CIS (contact Image  
Sensor), LED Array Light Source

Control Panel

7.1 cm (2.8”) Touchscreen,  
3 Nav 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 & Mono)

Up to 35ppm  
(pages per minute)

Scan Speed 2-sided (A4)

Up to 70ipm  
(images per minute)

Optical Scan Resolution

Up to 600 x 600dpi  
(dots per inch)

Interpolated Scan  
Resolution<sup>3</sup>

Up to 1,200 x 1,200dpi  
(dots per inch)

Wake-up Time

From sleep mode:  
5 sec USB connected  
19 sec WiFi/Wired  
LAN connected

Colour Depth

48-bit internal  
24-bit external

Grey Scale

256 levels (8 bit)

Scanner  
Functions

Image Processing<sup>3</sup>

Auto Deskew (Feed)<sup>6</sup>, Detect  
End of Page<sup>6</sup>, Margin Setting,  
Auto Image Rotation<sup>6</sup>, Edge Fill<sup>5</sup>,  
Tear Fill<sup>6</sup>, Punch Hole Removal<sup>6</sup>,  
Auto Colour Detect, Blank Page  
Removal, Diffusion Adjustment  
- Grey<sup>5</sup>, Colour Tone Adjust<sup>6</sup>,  
Auto Colour Detect, Background  
Processing<sup>6</sup>, Colour Drop<sup>6</sup>, Edge  
Emphasis<sup>6</sup>, Moire Reduction<sup>6</sup>,  
Vertical Streak Reduction<sup>5</sup>,  
B&W Threshold Adjustment<sup>6</sup>,  
Character Correction<sup>6</sup>, B&W  
Inversion<sup>5</sup>, Noise Reduction<sup>5</sup>,  
Remove Ruled Line<sup>5</sup>, 2in1  
Scan<sup>6</sup>, 1to2 Scan<sup>6</sup>, Carrier Sheet  
Mode<sup>5</sup>, Plastic Card Mode<sup>5</sup>,  
Single Page Scan<sup>5</sup>, Continuous  
Scan<sup>5</sup>, Multi Feed Detection<sup>5</sup>,  
Long Page Scan<sup>5</sup>, Resume  
Scan, Barcode Detection<sup>5</sup>, JPEG  
Compression<sup>5</sup>, Optimise Data  
Transfer<sup>5</sup>, Digital Imprinter<sup>5</sup>,  
Custom TWAIN Profiles<sup>5</sup>

File Format Support

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

Standard Functions

Scan to PC, Image<sup>3</sup>, Network  
(SMB), Email Server, Workflow<sup>3</sup>,  
FTP/SFTP

Scan Profiles<sup>5</sup>

Create up to 25 preset scan  
to SFTP/FTP/Network profiles

Direct Scan

Scan directly to a USB flash  
memory storage

## Software<sup>2</sup>

### Windows Drivers

TWAIN, WIA  
Windows 11  
(Home|Pro|Education|Enterprise)  
Windows 10  
(Home|Pro|Education|Enterprise)  
(32 or 64 bit editions)  
Windows Server<sup>7</sup>  
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

### Automatic Document Feeder (ADF)

60 Sheet<sup>4</sup>

### Media Sizes<sup>8,9</sup>

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<sup>2,5</sup>

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 & Upgrades

### Carton Contents

ADS machine, detachable ADF, Power supply cord, AC adapter, 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 & 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 Monthly<sup>1</sup>

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 Standby<sup>10</sup> 2.3W  
Power Off 0.1W

### Power Management<sup>11</sup>

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](http://www.brotherearth.com)

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at your side