brother
at your side

Desktop
document scanner

with wired and wireless connectivity

ADS-4550W

35 ppm | USB 3.0 | ETHERNET | 2.4GHz

www.brother.eu

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[2]

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
7.1cm (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[3]**
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[3]
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[5], 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[5],
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 Profiles[5]
Create up to 25 preset scan
to SFTP/FTP/Network profiles

Direct Scan
Scan directly to a USB flash
memory storage

Software[2]

Windows Drivers
TWAIN, WIA
Windows 11
(Home|Pro|Education|Enterprise)
Windows 10
(Home|Pro|Education|Enterprise)
(32 or 64 bit editions)
Windows Server[7]
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[4]

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)

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[1]
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[10] 2.3W
Power Off 0.1W

Power Management[11]
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.

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 Earth

brother
at your side