



## Desktop document scanner with wired and wireless connectivity

### ADS-4500W



[www.brother.co.uk/scanners/ads-4500w](http://www.brother.co.uk/scanners/ads-4500w)

## 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-4500W**



### Key features:

- Scan up to 35 pages per minute (ppm)
- 2-sided scan up to 35ppm and advanced image processing
- 60 sheet automatic document feeder (ADF)
- Intuitive 7.1cm touchscreen
- Wireless and wired network connectivity
- SuperSpeed USB3.0 and scan directly to USB host
- Scan from your mobile device with Brother Mobile Connect app
- Auto start scan
- Comprehensive software suite included<sup>2</sup>

### Fast and reliable

With high-quality and robust roller mechanisms, the ADS-4500W also has a large 60 sheet ADF capacity and can scan up to 35ppm.

### Simple and intuitive

Simple to set up with the easy-to-use touchscreen.

### Advanced connectivity

With USB3.0, USB host, network and wireless connectivity, you can securely scan documents and share with colleagues, without the need for a PC.

## Advanced image capture and processing

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.

## Brother ScanEssentials

Our ScanEssentials Lite software enables you to scan documents easily, create simple workflows and save them securely to folders on your network, with minimum effort.

## Industry recognised software

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



## General

<b>Product form factor</b> Sheetfed desktop document scanner	<b>Local interface</b> SuperSpeed USB 3.0, USB 2.0 host (Rear)	<b>Wi-Fi direct™</b> Scan without having to use a wireless access point (both automatic and manual methods supported)
<b>Scanner type</b> Dual contact image sensor (CIS), LED array light source	<b>Wired network interface</b> Wired network interface (10Base-T/100Base-TX)	<b>Mobile scan</b> View scans on your mobile device from your Brother scanner
<b>Control panel</b> 7.1cm colour touchscreen, 4 keys	<b>Wireless network interface</b> 2.4GHz: IEEE 802.11b/g/n, (infrastructure mode), vertical pairing	<b>Configurable shortcuts</b> Add, delete, change up to 20 individual shortcuts for quick and secure access to device functions
<b>Backup clock</b> Up to 24 hours		

## Scan

<b>Scan speeds (A4) (colour and mono)</b> Up to 35ppm/up to 70ipm	<b>Interpolated scan resolution<sup>3</sup></b> Up to 1,200 x 1,200dpi	<b>Colour depth</b> 48bit internal 24bit external
<b>Scan speeds 2-sided (A4)</b> Up to 35ppm/up to 70ipm	<b>Wake-up time</b> USB connected, approx one second from sleep mode	<b>Grey scale</b> 256 levels (8 bit)
<b>Optical scan resolution</b> Up to 600 x 600dpi		

## Scanner functions

<b>Image processing<sup>3</sup></b> auto deskew(feed) <sup>7</sup> , detect end of page <sup>5</sup> , margin setting <sup>5</sup> , auto image rotation <sup>5</sup> , edge fill <sup>5</sup> , tear fill <sup>5</sup> , punch hole removal <sup>5</sup> , auto colour detect adjust, blank page removal, diffusion adjustment - grey, colour tone adjustment, background processing <sup>5</sup> , colour drop <sup>5</sup> , edge emphasis <sup>5</sup> , moire reduction <sup>5</sup> , vertical streak reduction <sup>5</sup> , B&W threshold adjustment <sup>5</sup> , character correction, B&W inversion, noise reduction, remove ruled line, 2in1 scan, 1to2 scan, carrier sheet mode, plastic card mode, single page scan <sup>5</sup> , continuous scan <sup>5</sup> , multi-feed detection, half speed mode, barcode detection <sup>5</sup> , JPEG compression <sup>5</sup> , digital imprinter <sup>5</sup> , custom TWAIN profiles <sup>5</sup>	<b>File format support</b> Including PDF (single, multi, PDF/A-1b, secured, signed), JPEG, TIFF (single, multi)
	<b>Standard functions</b> Scan to PC, image <sup>3</sup> , network (SMB), email server, workflow <sup>3</sup> , FTP/SFTP
	<b>Scan profiles<sup>6</sup></b> Create up to 25 preset scan to SFTP/FTP/network profiles
	<b>Direct scan</b> Scan directly to a USB flash memory storage

## Software<sup>2</sup>

**Windows drivers<sup>7,8</sup>**  
TWAIN, WIA  
Windows 10  
(Home|Pro|Education|Enterprise)  
(32 or 64 bit editions), Windows  
8.1(32 or 64 bit editions),  
Windows 7 SP1  
(32 or 64 bit editions),  
Windows Server 2019, 2016,  
2012R2, 2012

## Windows software

Brother ScanEssentials Lite,  
NewSoft Presto! Bizcard 7,  
Image Folio, Brother iPrint&Scan  
for Desktop, Kofax PaperPort,  
Kofax Power PDF Standard v3,  
Remote Setup

## Macintosh software

NewSoft Presto! Bizcard 7,  
Image Folio  
Brother iPrint&Scan for Desktop,  
Remote Setup

## Linux drivers

SANE

## Media handling

### ADF

60 sheets<sup>4</sup>

### Media sizes<sup>11,12</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, LLMNR responder, SNTP Client, LDAP

### 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

### Wired network security

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

### Wireless setup support

Wi-Fi Protected Setup™ (WPS)

## Security features

Kensington lock

E-mail notifications

Setting lock

Firmware updates

E-mail reports

Secure function lock 3.0

Port-based network access control

## Address book

### Speed dials

300 locations for e-mail addresses

### Group send

A combination of up to 20 groups can be stored for broadcasting

## Consumables and upgrades

### Optional roller kit

PRK-A3001 100,000 sheets

### Optional A3 carrier sheet

CS-A3301 500 times (pack of 2)

## Carton contents

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

## Dimensions and weights

### Scanner with carton (WxDxH)

391 x 243 x 320 mm - 3.41kg

### Scanner without carton (WxDxH)

299.5 x 215.9 x 190.5 mm - 2.68kg

<b>Duty cycle</b>	<b>Maximum daily</b> 5,250 sheets	<b>Maximum monthly<sup>1</sup></b> 105,000 sheets	
<b>Environment</b>	<b>Power requirements</b> AC: 100-240V, 50/60 Hz, DC: 24V, 1.9A	<b>Power saving modes</b> Sleep, power down LCD off timer	<b>Operating environment</b> Humidity 20 - 80 % 5°C - 35°C, 41°F - 95°F
	<b>Power consumption</b> Scanning: 25W Ready: 7.3W Sleep: 1.7W Network standby: 2.1W Power off: 0.1W	<b>Sound power</b> Scanning: <59dB	<b>Storage environment</b> Humidity 10 - 90% -20°C to 60°C, -4°F to 140°F
<b>Certification</b>	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 and macOS only

7 Windows server support scanner driver only

8 Win7 / Server2008 SP2/R2 Extended Security Update (ESU) legacy support until 10/01/2023

9 Requires an Internet connection

10 Requires additional activation

11 Document sizes larger than A4, but not exceeding A3, can be scanned (single-side) using carrier sheet

12 Can scan documents longer than A4 size. When using Brother(TWAIN) to scan at 200dpi, the maximum scanning length is 5,000mm



### 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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