



Desktop document scanner

with wired and wireless connectivity

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
- 2-sided scan up to 70 images per minute and advanced image processing
- 60 sheets 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 Mobile Connect
- Auto Start Scan
- Comprehensive software suite included²

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 35 pages per minute.

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

Product Form Factor

Sheet Fed Desktop
Document Scanner

Scanner Type

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

Control Panel

7.1cm Colour Touchscreen,
4 Keys

Backup Clock

Up to 24 hours

Local Interface

SuperSpeed USB 3.0,
USB 2.0 Host (Rear)

Wired Network Interface

Wired Network interface
(10Base-T/100Base-TX)

Wireless Network Interface

2.4GHz: IEEE 802.11b/g/n,
(Infrastructure Mode),
Vertical Pairing

Wi-Fi Direct™

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 Speeds (A4) (Colour & Mono)

Up to 35 (pages per minute)

Scan Speeds 2-sided (A4)

Up to 70 (images per minute)

Optical Scan Resolution

Up to 600 x 600dpi
(dots per inch)

Interpolated Scan Resolution³

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

Wake-up Time

USB connected, approx
1 sec from sleep mode

Colour Depth

48-bit internal
24-bit external

Grey Scale

256 levels (8 bit)

Scanner Functions

Image Processing³

Auto Deskew(Feed)⁷,
Detect End of Page⁵,
Margin Setting⁵,
Auto Image Rotation⁵,
Edge Fill⁵, Tear Fill⁵,
Punch Hole Removal⁵,
Auto Colour Detect Adjust,
Blank Page Removal,
Diffusion Adjustment - Grey,
Colour Tone Adjustment,

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

Background Processing⁵,
Colour Drop⁵, Edge Emphasis⁵,
Moire Reduction⁵,
Vertical Streak Reduction⁵,
B&W Threshold Adjustment⁵,
Character Correction,
B&W Inversion, Noise
Reduction, Remove Ruled Line,
2in1 Scan, 1to2 Scan, Carrier
Sheet Mode,

Scan Profiles⁶

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

Plastic Card Mode,
Single Page Scan⁵, Continuous
Scan⁵,
Multi Feed Detection,
Half Speed Mode, Barcode
Detection⁵,
JPEG Compression⁵,
Digital Imprinter⁵,
Custom TWAIN Profiles⁵

Direct Scan

Scan directly to a USB flash
memory storage

Software²

Windows Drivers^{7,8}

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 6,
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

Macintosh Drivers

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

Media Handling

Automatic Document Feeder (ADF)

60 Sheet⁴

Media Sizes^{11,12}

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, LDAP	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
	IPv6 RA, DNS Resolver, mDNS, LLMNR responder, Web Services(Scan), SNTP Client, HTTP/HTTPS server, ICMPv6	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 200 locations for E-mail addresses	Group Send A combination of up to 20 groups can be stored for broadcasting
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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)
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Dimensions & 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
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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 Standby 2.1W
Power Off 0.1W

Power Saving Modes

Sleep, Power Down
LCD Off Timer

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 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

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