



# Professional desktop document scanner

with high-performance wired and wireless connectivity and dedicated user touchscreen

**ADS-4900W**



## High-performance wired and wireless network scanner with dedicated user touchscreen

For uninterrupted high-volume, batch scanning. With the simplicity of one-touch scanning, securely capture your documents to easily share and collaborate with colleagues, whether they're at home or in the office.

### ADS-4900W



### Key features:

- Scan up to 60 pages per minute
- 2-sided scan up to 120 images per minute and advanced image processing
- 100 sheet Automatic Document Feeder (ADF)
- Large 10.9cm intuitive touchscreen
- Dedicated user interface
- 5GHz Wi-Fi and wired network connectivity
- SuperSpeed USB3.0 and scan directly to USB host
- Scan from your mobile device with Mobile Connect
- Auto Start Scan, Ultrasonic Multifeed Sensor, Separation Switch, Scan Preview, CIS Cleaning Alarm
- Comprehensive software suite included<sup>2</sup>

### Fast and reliable

With an in-built ultrasonic multifeed to eliminate misfeeds, the ADS-4900W also has the largest ADF capacity (100 sheets) and is the fastest in the range, scanning up to 60 pages per minute, or one every second.

### Simple and intuitive

Set up a dedicated user interface with one-touch scanning and the ability to add up to 56 shortcuts to frequently used destinations. You can also use an optional external cardreader to make the scanning process even easier. Just tap the card and add your documents into the ADF to automatically and securely capture the information on the page.

## 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.

The document separation functionality also automatically detects and removes any scanned blank pages, thus reducing file sizes and document preparation time.

## Brother ScanEssentials

As well as easily scanning and saving documents to network folders, our ScanEssentials software provides you with additional features which you can tailor to your business.

For added security, you can set up passwords and protect your workflows, with the option to save your documents in a variety of formats.

The metadata function can also read barcodes or specific strings of text to easily facilitate the separation and file naming of documents.

## 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

High Speed Professional Document Scanner

### Scanner Type

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

### Control Panel

10.9cm 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  
5GHz: IEEE 802.11a/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 56 personalised shortcuts for quick and secure access to device functions

## Scan

### Scan Speeds (A4) (Colour & Mono)

Up to 60 (pages per minute)

### Scan Speeds 2-sided (A4)

Up to 120 (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

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 Processing<sup>3</sup>

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,

### 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, SharePoint(On Premise), Brother Webconnect, Scan to HTTP(S), Brother Apps

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,

### Scan Profiles<sup>6</sup>

Create up to 25 preset scan to SFTP/FTP/Network/SharePoint/HTTP(s) profiles

### Direct Scan

Scan directly to a USB flash memory storage

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>

### Feed Control

Ultra Sonic Multi Feed Sensor, Separation Switch, Scan Preview, CIS Cleaning Alarm Auto Start Scan, Continuous Scan, Resume Scan, Document Separation

## Software<sup>2</sup>

### Windows Drivers<sup>7,8</sup>

TWAIN, ISIS, 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, Brother  
iPrint&Scan for Desktop, Kofax  
PaperPort, Kofax Power PDF  
Standard v3, Remote Setup

### Macintosh Drivers

AirPrint Scan Support, TWAIN  
macOS 10.14.x or greater

### Macintosh Software

Brother iPrint&Scan for Desktop,  
Remote Setup

### Linux Drivers

SANE

## Media Handling

### Automatic Document Feeder (ADF)

100 Sheet<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 25 - 413gsm  
Paper Thickness 0.08 ~ 0.28mm  
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

### Brother Apps<sup>9</sup>

Scan to Searchable PDF,  
Microsoft PowerPoint, Word,  
Excel, Easy Scan to Email,  
Scan to Mobile

### Web Connect<sup>9,10</sup>

Without a PC you can upload  
from scan for Box, SharePoint  
Online, DropBox, Evernote™,  
OneDrive, OneNote, Google  
Drive™

## 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)

### 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

### 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

### On-Premise Active Directory/LDAP

### Secure Function Lock 3.0

### Setting Lock

### Secure Key Management

## Address Book

### Speed Dials

200 locations for E-mail addresses

### Group Send

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

### LDAP

The ability to connect to an external LDAP enabled address book, like Microsoft Exchange

## Solutions

### Dedicated UI

Group registered shortcuts and link it to each user, shortcuts can be displayed as Home Tab just after login

### HID Class

You can set your machine to use external NFC card readers or External Keyboard (USB Connection)

### Brother Solutions Interface (BSI)

Create powerful cloud and on premise solutions directly integrating the advanced print, scan and security capabilities of Brother devices. For more information visit: [www.brother.eu/developers](http://www.brother.eu/developers)

## 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-A4001 200,000 Sheets

### Optional A3 Carrier Sheet

CS-A3301 500 times (Pack of 2)

## Dimensions & Weights

### Scanner With Carton (WxDxH)

393 x 288 x 334 mm - 4.2kg

### Scanner Without Carton (WxDxH)

300 x 247 x 236 mm - 3.37kg

## Duty Cycle

### Maximum Daily

9,000 Sheets

### Maximum Monthly<sup>1</sup>

180,000 Sheets

## Environment

### Power Requirements

AC: 100-240V, 50/60 Hz,  
DC: 24V, 1.9A

### Power Saving Modes

Sleep, Power Down,  
Auto Power On after power  
outage, LCD Off Time

### Operating Environment

Humidity 20 - 80 %  
5°C - 35°C, 41°F - 95°F

### Power Consumption

Scanning 34W  
Ready 7.7W  
Sleep 1.7W  
Network Standby 2.1W  
Power Off 0.1W

### Sound Power

Scanning <62dB

### Storage Environment

Humidity 10 - 90 %  
-20°C to 60°C, -4°F to 140°F

## Certification

### RoHS

### WHQL

### ISIS

### GS Mark

### Wi-Fi CERTIFIED

WPA3™ Enterprise, WPA3™  
Personal, Wi-Fi Protected  
Setup™, Wi-Fi Direct®

### Kofax™ 5,10

VRS Elite 5.2.0  
Kofax Express 3.3.0

### 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, ISIS) 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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