



# ADS-4900W

Professional Desktop  
Document Scanner



# ADS-4900W

## Professional Desktop Document Scanner



### Key features:

- Scan up to 60 ppm
- 2-sided (duplex) scan up to 120 ipm
- Advanced image processing
- 100-sheet Automatic Document Feeder (ADF)
- Large 10.9cm intuitive touchscreen
- Dedicated user interface
- Dual band (2.4Ghz / 5Ghz) wireless 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

The ADS-4900W is a high-performance, professional desktop document scanner built for uninterrupted, high-volume scanning.

#### Simple and intuitive

The user-friendly interface, intuitive 10.9cm touchscreen and one-touch scanning will have you up and running in minutes so you can focus on business-critical tasks.

#### Convenient connectivity options

Scan your documents securely and conveniently using a host of connectivity options. Use USB 3.0, USB host, or connect wirelessly via ethernet or Wi-Fi to scan without connecting to a computer.

#### Industry recognised software

The availability of Kofax and NewSoft at your fingertips sets you up for success by maximising your post-scanning productivity with software that integrates seamlessly with your scanner.

#### Advanced image capture and processing

With Optical Character Recognition (OCR) that transforms paper documents into actionable data, and optimising image quality through automatic vertical streaks, moiré reduction, and document separation functionality, the ADS-4900W makes image capture and processing effortless, cutting down your document preparation time.

#### Brother ScanEssentials

ScanEssentials is a high-performance scanning tool that allows you to not only scan documents, but also create workflows and save them securely to your network without fuss.

#### Brother's *at your side* support

Wherever you are in New Zealand, Brother offers free product support for the lifetime of your product.

## Technical Specifications for the ADS-4900W

### General

Product Form Factor	High Speed Professional Document Scanner
Scanner Type	Dual CIS (Contact Image Sensor)
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	<b>2.4GHz:</b> IEEE 802.11b/g/n, <b>5GHz:</b> 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 ppm
Scan Speeds 2-Sided (duplex) (A4)	Up to 120 ipm
Optical Scan Resolution	Up to 600 x 600dpi
Interpolated Scan Resolution <sup>3</sup>	Up to 1,200 x 1,200dpi
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

Windows Drivers <sup>7,8</sup>	TWAIN, ISIS, WIA, Windows 11, 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 Sheets <sup>4</sup>
Media Sizes <sup>11,12</sup>	<b>Width:</b> 50.8 - 215.9mm, <b>Height:</b> 50.8 - 355.6mm, <b>Long Paper:</b> 5,000mm
Plastic Card	<b>Length (ISO):</b> 85.60mm, <b>Width (ISO):</b> 53.98mm
Media Types	Plain Paper, Thin Paper, Thick Paper, Thicker Paper, Recycled Paper, Business Card, Plastic Card
Media	<b>Paper Weight:</b> 25 - 413gsm, <b>Paper Thickness:</b> 0.08 - 0.28mm <b>Plastic Card Thickness:</b> 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 scans to 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

## Technical Specifications for the ADS-4900W

### 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

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	300 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.

### Consumables and Upgrades

Carton Contents	ADS machine, detachable ADF, Power supply cord, AC adapter, USB Cable, Quick setup guide, Product safety guide, Warranty
Optional Roller Kit	<b>PRK-A4001:</b> 200,000 Sheets
Optional Carrier Sheet	<b>CS-A3301:</b> 500 times (Pack of 2)

### Dimensions and Weight

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
Pickup Roller for ADF	200,000 Sheets (A4/LTR)
Reverse Roller	200,000 Sheets (A4/LTR)

### Environment

Power Requirements	<b>AC:</b> 100-240V, 50/60 Hz, <b>DC:</b> 24V, 1.9A
Power Consumption	<b>Scanning:</b> 34W, <b>Ready:</b> 7.7W, <b>Sleep:</b> 1.7W, <b>Network Standby:</b> 2.1W, <b>Power Off:</b> 0.1W
Power Saving Modes	Sleep, Power Down, Auto Power On after power outage, LCD Off Time
Sound Power	Scanning <62dB
Operating Environment	<b>Humidity:</b> 20 - 80 %, 5°C - 35°C
Storage Environment	<b>Humidity:</b> 10 - 90 %, -20°C to 60°C

### Certification

Certification	RoHS, GS Mark, WHQL, WHQL, ISIS Wi-Fi CERTIFIED - WPA3™ Enterprise, WPA3™ Personal, Wi-Fi Protected Setup™, Wi-Fi Direct® Kofax™ <sup>5,10</sup> - VRS Elite 5.2.0, Kofax Express 3.3.0
---------------	---

- 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

**brother**  
at your side



### 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)

All specifications correct at the time of printing and are subject to change. Brother is a registered trademark of Brother Industries Ltd. Brand product names are registered trademarks or trademarks of their respective companies.