



# Professional desktop document scanner

with wired connectivity

**ADS-4300N**



## High-speed network desktop document scanner

Designed for businesses needing a high-speed, efficient network scanner. Connect your ADS-4300N to your network and effortlessly capture your documents to share and collaborate with colleagues.

### ADS-4300N



### Key features:

- Scan up to 40 pages per minute
- 2-sided scan up to 80 images per minute and advanced image processing
- 80 sheet Automatic Document Feeder (ADF)
- Wired network connectivity
- SuperSpeed USB3.0 and scan directly to USB host
- Scan from your mobile device with Mobile Connect
- Ultrasonic Multifeed Sensor, Separation Switch
- Comprehensive software suite included<sup>2</sup>

### Fast and reliable

With an in-built Ultrasonic Multifeed Sensor to eliminate misfeeds, the ADS-4300N also has a large 80 sheet ADF capacity and rapidly scans up to 40 pages per minute.

### Simple and intuitive

Design simplicity means it's easy to set up and easy to use.

### Advanced connectivity

With USB3.0 and USB host, you can securely scan documents 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

Sheet Fed Desktop  
Document Scanner

### Scanner Type

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

### Control Panel

LED, 7 Keys

### Backup Clock

Up to 24 hours

### Local Interface

SuperSpeed USB 3.0,  
USB 2.0 Host (Rear)

### Configurable Shortcuts

Add, delete, change up to 3  
shortcuts for quick access to  
device functions

### Wired Network Interface

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

### Mobile Scan

View scans on your  
mobile device from your  
Brother scanner

## Scan

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

Up to 40 (pages per minute)

### Scan Speeds 2-sided (A4)

Up to 80 (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), FTP/SFTP

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 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

## 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 Software

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)

80 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 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)

### Wired Network Security

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

## Security Features

### Kensington Lock

### Firmware Updates

### Port-based Network Access Control

## 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 - 3.32kg

### Scanner Without Carton (WxDxH)

299.5 x 215.9 x 190.5 mm - 2.64kg

## Duty Cycle

### Maximum Daily

6,000 Sheets

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

120,000 Sheets

## Environment

### Power Requirements

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

### Power Consumption

Scanning 24W  
Ready 6.8W  
Sleep 1.7W  
Network Standby 2.1W  
Power Off 0.1W

### Power Saving Modes

Sleep, Power Down  
Auto Power On after  
power outage

### 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

### ISIS

### WHQL

### Kofax™ 5,10

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



### 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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