



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 (ppm)
- 2-sided scan up to 40ppm 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 Brother Mobile Connect App
- Ultrasonic multi-feed sensor, separation switch
- Comprehensive software suite included²

Fast and reliable

With an in-built ultrasonic multi-feed sensor to eliminate misfeeds, the ADS-4300N also has a large 80 sheet ADF capacity and rapidly scans up to 40ppm

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 contact image sensor (CIS), 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 three 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 and mono)

Up to 40ppm/up to 80ipm

Scan speeds 2-sided (A4)

Up to 40ppm/up to 80ipm

Optical scan resolution

Up to 600 x 600dpi

Interpolated scan resolution³

Up to 1,200 x 1,200dpi

Wake-up time

USB connected, approx one second from sleep mode

Colour depth

48bit internal
24bit 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, 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, 2-in-1 scan, 1-to-2 scan, carrier sheet mode, plastic card mode, single page scan⁵, continuous scan⁵, multi-feed detection, half speed mode, barcode detection⁵, JPEG compression⁵, digital imprinter⁵, custom TWAIN profiles⁵

Scan profiles⁶

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

Direct scan

Scan directly to a USB flash memory storage

File format support

Including PDF (single, multi, PDF/A-1b, secured, signed), JPEG, TIFF (single, multi)

Standard functions

Scan to PC, image³, network (SMB), FTP/SFTP

Feed control

Ultra sonic multi-feed sensor, separation switch

Software²

Windows drivers^{7,8}

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

ADF

80 sheets⁴

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

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)

IP filter

Restrict which network users can or cannot access the device over the network (IPv4 only)

Security features

Kensington lock

Firmware updates

Port-based network access control

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 - 3.32kg

Scanner without carton (WxDxH)

299.5 x 215.9 x 190.5 mm - 2.64kg

Duty cycle

Maximum daily

6,000 sheets

Maximum monthly¹

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
Insert: after off

Power saving modes

Sleep, power down
Auto power on after
Power outage

Sound power

Scanning: <59dB

Operating environment

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

Storage environment

Humidity 10 to 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 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, 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

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