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Professional desktop document scanner with wired connectivity

ADS-4300N

40 ppm | USB 3.0 | ETHERNET

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 included[2]

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.

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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.
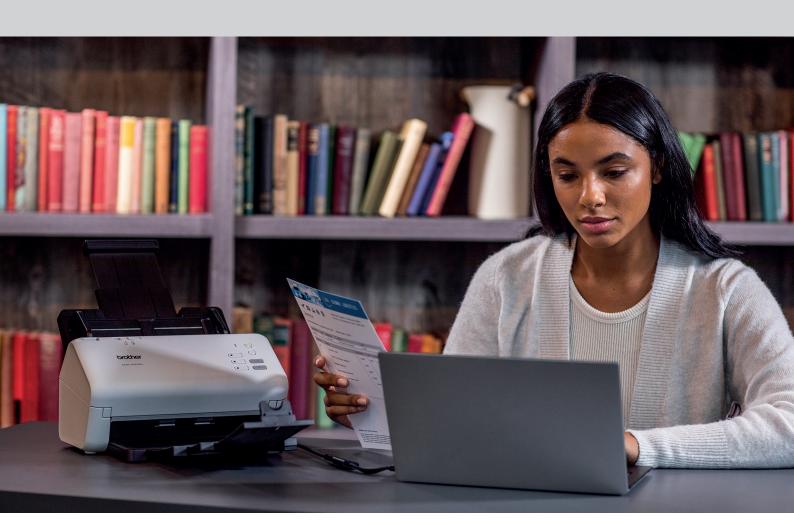
Brother ScanEssentials

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.

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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
resolution[3]**
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 processing[3]
auto deskew(feed)[7],
detect end of page[5],
margin setting[5],
auto image rotation[5],
edge fill[5], tear fill[5],
punch hole removal[5],
auto colour detect adjust,
blank page removal,
diffusion adjustment - grey,
colour tone adjustment,
background processing[5],
colour drop[5], edge emphasis[5],
moire reduction[5],
vertical streak reduction[5], B&W
threshold adjustment[5], 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
scan[5], continuous scan[5],
multi-feed detection,
half speed mode,
barcode detection[5],
JPEG compression[5],
digital imprinter[5],
custom TWAIN profiles[5]

Scan profiles[6]
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, image[3], network
(SMB), FTP/SFTP

Feed control
Ultra sonic multi-feed sensor,
separation switch

Software[2]

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 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

ADF
80 sheets[4]

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

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 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 monthly[1]
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 KofaxTM 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