



High speed wired network desktop scanner

ADS-2400N



SCAN

www.brother.eu

High speed wired network desktop scanner

This affordable ADS-2400N has been designed for businesses requiring a powerful, yet desktop friendly network scanner with professional software.

ADS-2400N



Key Features:

- Fast 2-sided scanning and advanced image processing
- Double sided scan speeds up to 40 pages per minute*
- 50-sheet Automatic Document Feeder (ADF) supporting mixed media including A4, plastic ID cards and receipts
- Wired network connectivity
- Scan directly to USB host
- Driver compatibility with TWAIN, ISIS, SANE, WIA and ICA
- Certified for use with document capture experts Kofax
- Includes ABBYY FineReader Sprint software

Connect your office

Offering true network capability, the Brother ADS-2400N enables documents to be scanned directly to a network folder, your digital documents can be quickly and easily shared across teams and departments; improving workflow efficiency and increasing productivity.

Process mixed media with professional results

Whether it's 2-sided A4 contracts, expense receipts, plastic ID cards or extra-long paper, you can easily output scans as searchable PDF, email attachments or even scan directly to USB flash drives.

Robust yet desktop friendly

The Brother ADS-2400N is ideal in a busy office space. Its desktop friendly size and robust nature makes this scanner a great choice for both back-office use and customer-facing environments.

* With latest firmware update. The latest firmware can be downloaded at: <http://support.brother.com>

General

Technology

Dual CIS
(contact Image Sensor)

Product Form factor

High speed sheet fed desktop

Memory

256MB

Wired Network Interface

GigE (10Base-T/
100Base-TX/1000Base-T)

Light Source

LED array

Control Panel

LED, rubber keys

Local Interface

Hi-Speed USB 2.0,
USB Host (up to 64 GB)

Backup Clock

Up to 24 hours

Scan

Scan Speed Standard (A4)

Colour & Mono¹³

Up to 40ppm
(pages per minute)

Scan Speed 2-Sided (A4)

Colour & Mono¹³

Up to 40 sides per minute
(40 sheets per minute)

Optical Scan Resolution

Up to 600 x 600dpi
(dots per inch)

Interpolated Scan

Resolution⁴

Up to 1,200 x 1,200dpi
(dots per inch)

Colour Depth

30-bit internal & 24-bit external

Grey Scale

256 levels (8 bit)

Scanner Driver

Windows^{®12}

TWAIN, ISIS, WIA
(Windows[®] 10
(32 & 64 bit editions)
Windows[®] 8
(32 & 64 bit editions)
Windows[®] 7
(32 & 64 bit editions)
Windows[®] Vista

Windows[®] XP

(32 bit SP3 only)
Windows[®] Server 2016
Windows[®] Server
2012/2012R2
Windows[®] Server
2008/2008R2
(32 & 64 bit editions)
Windows[®] Server 2003
(32 bit edition)

Macintosh³

TWAIN & ICA
for macOS v10.8.x/ 10.9.x/
10.10.x/ 10.11.x/ 10.12.x /
10.13.x

Linux³

SANE

Software for Windows[®] 3,4

iPrint&Scan for Windows[®] desktop

Easy to use scan software from
Brother

Nuance[®] PaperPort SE 14

Document management &
sharing program

ABBYY[®] FineReader Sprint v.12

Converts scan documents into
editable formats eliminating the
need to retype

ABBYY[®] PDF Transformer+

Read, comment, edit and
protect PDF documents
with ease

Remote Set-up

Allows the user to set-up the
scanner from their PC

Software for macOS^{3,4}

iPrint&Scan for macOS

Easy to use scan software from
Brother

ABBYY[®] FineReader Sprint v.12

Converts scan documents into
editable formats eliminating the
need to retype

Remote Set-up

Allows the user to set-up the
scanner from their PC

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Scanner Functions

Supported File Formats

Including PDF (single, multi, archive, searchable, secure, signed), JPEG, TIFF (single, multi), XPS

Direct Scan

Scan directly to a USB flash memory drive

Standard Functions

Scan to USB, E-mail, OCR, Image & File

Scan to Network Folder (SMB)

Scan documents to a nominated folder on your network without using a Windows PC

Scan to SFTP/FTP

Scan documents directly to a SFTP/FTP server

Scan to Searchable PDF⁴

Scan documents to searchable PDF files

Scan to SharePoint

Scan document directly to SharePoint

Windows® Web Services Scanning

Scan direct (Windows® 7 onwards) without needing to install a scanner driver

Scan Profiles¹⁰

Create up to 10 preset network or S/FTP profiles for an easy way to store multiple scan settings

Auto Deskew

The process of straightening an image that has been scanned at a slight angle

Detect End of Page⁹

Detect end of page and automatically adjusts page size when the length of the document is shorter than the document size selected

Auto Image Rotation⁹

Documents can be scanned in any orientation, automatically changing the direction of the document based on the text orientation

Background Processing⁹

Smooth and remove unwanted colours, creases or shadows from a scan image

Edge fill^{4,9}

Determines area and colour of the image frame

Skip Blank Page

Set the detection level for ignoring any blank pages in your documents by not scanning them

Margin Setting

You can specify margin size around each side of the scanned image

Greyscale, B&W Level Adjustment

When images are difficult to view due to colour density, images can be set lighter or darker as required using a custom value

Auto Colour Tone Adjustment⁴

Sets colour image quality for Brightness, Contrast, Gamma

Colour Drop^{4,9}

Allows you to drop any hue of the red, blue, or green colour in your scanned image

Edge Emphasis^{4,9}

Increase text definition and density to make it easier to read

Noise Reduction⁴

Remove marks and ink blots for a sharp and crisp image

Removed Ruled Line^{4,9}

Removes vertical and/or horizontal lines of a specified length from a page

Punch Hole Removal^{4,9}

Produce clean page borders by removing punch hole marks from the scanned image

Character Correction^{4,9}

Increase text definition and density to make it easier to read

Carrier Sheet Mode⁴

Supports scanning of up to A3 (fold) documents.

Plastic Card Mode⁴

Allows the scanning of plastic cards such as drivers licenses and insurance cards

Multi-feed Detection

Paper protection that reduces the risk of damaging documents during scanning

Single Page Scan⁴

Feed one page at a time from the ADF even if more documents are set on ADF

Auto Continuous Scan⁴

Continues to scan using the same settings when additional pages are added in the ADF

1 to 2 Scan^{4,9}

Splitting a page back into single image files with one image per file

2 to 1 Scan^{4,9}

Save two-sided documents into a single-page image file

Barcode Detection^{4,9,13}

Barcode detection allows multiple barcodes and types to be detected simultaneously. A specific barcode location, or type of barcode, can be specified by designating a search area for the barcode or searching by barcode type. To use this function an application that correspond TWAIN barcode detection protocol is required.

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Paper Handling

Paper Input/Output

Up to 50 sheets⁶

Paper Size Multi⁷

Width 51 - 215.9mm,
Height 51 - 355.6mm

Long Paper Scanning¹¹

5000mm

Paper Weight¹

27gsm - 413gsm

Plastic Card Thickness

Embossed up to 1.4mm

Advanced Reverse Roller System

Manage incoming paper jobs so only one sheet is processed at a time for outstanding reliability

Mobile and Web Connectivity

iPrint&Scan

Scan directly to a mobile device running Android Operating system, iOS, Windows® mobile Operating System

SupportCenter

Provides scanner setup guide, manual, FAQ & troubleshooting and contact to Brother customer service

Fleet Management Tools

Embedded Web Server

Web based scanner management software embedded onto the device

BRAdmin

Professional 3^{3,9}

Management tool that can monitor your brother network-connected products

Security and Network

Network Protocols

TCP/IP (IPv4), TCP/IP (IPv6)

IPv4

ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, Custom Raw Port/Port9100, SMTP Client, FTP Client and Server, CIFS Client, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Scan), SNTP Client

IPv6¹³

NDP, RA, DNS resolver, mDNS, LLMNR responder, Custom Raw, Port/Port9100, SMTP Client, FTP Client and Server, LDAP Client, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMPv6, Web Services (Scan), SNTP Client

Wired Network Security

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

E-mail Notifications

Automatically have the device send an E-mail to a nominated E-mail address when it requires attention

E-mail Reports

Receive usage reports on a regular basis via e-mail

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Supplies and Accessories

Carton Contents

ADS machine, detachable ADF.
Power supply cord.
AC adapter.
USB 2.0 Cable.
User Guide.
Drivers and software set
Windows® (DVD).
Quick setup guide.
Product safety guide.
Warranty

Roller Kit

Pick-up Roller, reverse Roller
Life - 200,000 sheets
Part Number - PRK-A2001

Cleaner

Part Number - CNR-A2001

A3 Carrier Sheet

Life - 500 Times
Part Number - CS-A3001

Dimensions and Weights

With Carton

W 382 x D 254 x H 330 mm
EU version: 6.3Kg
UK: 6.2Kg

Without Carton

W 306 x D 258 x H 250 mm
4.45 Kg

Duty Cycle

Maximum Daily

Up to 3,000 sheets

Maximum Monthly²

Up to 60,000 sheets monthly
scan volume

Environment

Power Requirements

AC: 100 – 240V 50/60Hz
DC: 24V, 1.9A

Power Consumption (Scanning)

27W

Power Consumption (Ready)¹³

2.5W

Power Consumption (Sleep)¹³

1.3W

Power Consumption (Off)

0.12W

Sound Pressure Level¹³

51dB or less

Sound Power Level¹³

64.3dB or less

Sleep Mode

0 - 90 minutes

Energy Star

Yes

GS Mark

Yes

Certification

WHQL

KOFAX

ISIS

- 1 For best performance it is recommended to use a carrier sheet for the following weights: 27-39 gsm
- 2 Maximum number of scanned pages per month can be used to compare designed 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
- 3 Optional free download from the Brother Solutions Centre <http://solutions.brother.com>
- 4 All available with supplied software
- 5 Some options may require additional download or subscription
- 6 Capacity varies dependent on paper weight.
- 7 Document sizes larger than A4, but not exceeding A3, can be scanned (single-side) using carrier sheet
- 8 Must be web connected
- 9 Windows® only
- 10 Windows® & Mac® only
- 11 Can scan documents longer than A4 size. When using Brother (TWAIN/ISIS) to scan at 200 dpi, the maximum scanning length is 5,000 mm
- 12 Windows server support scanner driver only
- 13 With the latest firmware update, The latest firmware can be downloaded at: <http://support.brother.com>
Without the latest firmware update the following are the default specifications:
Scan Speed Standard (A4) - Up to 30ppm (pages per minute)
Power Consumption (Ready) - 3.0W
Power Consumption (Sleep) - 1.9W
Sound Power Level (Scanning) - 62.8dB
Sound Pressure Level (Scanning) - 50dBA
IPv6 not supported
Barcode Detection not supported

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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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at your side