



Compact, Portable Document Scanner

ADS-1800W



SCAN



WIRELESS

www.brother.co.nz

Compact, Portable Document Scanner

Powerful yet compact and portable, scanning from any location just got easier with the ADS-1800W. Compatible with external powerbanks, effortlessly scan your documents when and where it is most convenient for you.

Together with wireless connectivity, you can easily connect and scan using your mobile phone or tablet and enjoy seamless workflows with powerful PDF editing and document management software.

ADS-1800W



Key features:

- Scan up to 30 pages / 60 images per minute
- Large 7.1cm touchscreen
- 20-sheet Automatic Document Feeder (ADF)
- Power directly via USB Type-C
- Create up to 20 one-touch scan activity shortcuts
- Dedicated plastic ID card slot
- Create up to 25 preset scan to destinations
- Mobile App support
- PDF editing software included
- Compatible with Barcode Utility

Freedom to scan from anywhere

Scanning from any location just got easier with the ADS-1800W.

Compatible with most external batteries or powerbanks, there is no need for the ADS-1800W to be connected to a laptop or PC to scan your documents from any location. With wireless network connectivity and cloud scanning built in, you can truly scan from anywhere.

Seamless performance, every time

No matter where you scan from, you will get the same high performance, every time. With scan speeds of up to 60 sides per minute (2-sided), documents are saved quickly and effortlessly to file, email server, USB host, network or you can scan them directly to your PC.

Intelligent and effortless

With one-touch scanning, reduce the time you spend on repetitive tasks and set up shortcuts to frequently used locations. So you can be confident that all your documents are reliably saved to the right place, every time.

Versatile media handling

The time-saving 20-sheet Automatic Document Feeder (ADF) manages various sizes and thicknesses of paper (up to 128gsm) with ease. Whilst the dedicated card slot comfortably handles plastic ID cards.

Industry-leading software

Available as standard, Power PDF provides you with the flexibility to easily convert, edit and share documents in seconds.

Together with Kofax PaperPort, a document management solution, workflows can be created so that you can share, search and organise documents with ease and accuracy.



General

Product Form Factor

Sheet Fed Portable Desktop
Document Scanner

Technology

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

Control Panel

7.1 cm (2.8") LCD Colour
Touchscreen, Keys

Backup Clock

Up to 24 hours

Local Interface

USB Type-C 3.2 Gen1,
USB 2.0 Host (Rear)
Up to 128GB

Wireless Network Interface

2.4GHz: IEEE 802.11b/g/n
(Infrastructure Mode)

Wi-Fi Direct™

802.11g/n

Configurable Shortcuts

20

Scan

Scan Speed (A4)

Colour and Mono (300dpi)

Up to 30ppm
(pages per minute)
(USB bus powered)¹⁰

Scan Speed 2-Sided (A4)

Colour and Mono (300dpi)

Up to 60ipm
(images per minute)
(30 sheets per minute)
(USB bus powered)¹⁰

Resolution

Optical

Up to 600 x 600dpi
(dots per inch)

Interpolated³

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

Wake-up Time

(Sleep Mode - Ready)

5.5sec

Colour Depth

48 bit colour processing
(Input)
24 bit colour processing
(Output)

Grey Scale

256 levels (8 bit)

Scanner Functions

Machine Functions

File Format Support

Including (Standard)PDF,
PDF/A-1b, Secured PDF,
Signed PDF, JPEG, TIFF

Direct Scan

Yes

Destinations

Scan to PC (Image)³, Network
(SMB), Email Server, Workflow³,
FTP/SFTP, SharePoint
(On Premise), Brother Web
Connect⁸, Brother Cloud Apps⁸

Scan Profiles⁶

Create up to 25 preset scan to
SFTP/FTP/Network/SharePoint

Feed Control

ADF Automatic Pop Up Edge
Guide, Card Slot (Portrait)
Separation Switch, Auto
Start Scan, Continuous Scan,
Resume Scan

Image Processing³

Advanced Features

Auto Deskew(Feed), 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, 2in1 Scan,
1to2 Scan, Carrier Sheet Mode,
Plastic Card Mode, Single
Page Scan⁵, Continuous Scan⁵,
Barcode Detection⁵, JPEG
Compression⁵, Digital Imprinter⁵,
Custom TWAIN Profiles⁵

Configurable Shortcuts

Create up to 20 one-touch scan
activity shortcuts

Software²

Windows

Drivers

TWAIN | WIA
Windows® 10, 11

Software for Windows

Brother iPrint&Scan for Desktop, Kofax PaperPort 14SE with OCR, Kofax Power PDF Standard v5, Remote Setup, Newsoft Presto! BizCard 6, Newsoft Image Folio

Macintosh

Drivers

AirPrint Scan (Driverless)
macOS 11x, 12.x, 13.x

Software for macOS

Brother iPrint&Scan for Desktop, Kofax Power PDF Standard v3, Remote Setup, Newsoft Presto! BizCard 7, Newsoft Image Folio

Linux

Drivers

SANE

Easy Setup¹²

Simplifying the install process with easy access to the right drivers and software for the installation of your Brother machine for your PC

Visit support.brother.com for a full list of supported OS and to download the latest drivers and software

Media Handling

Media Input / Output ADF

Up to 20 sheets⁴

Media Sizes

Multiple Pages¹⁰

Width 50.8 - 215.9mm,
Height 70 - 355.6mm

Media Type ADF

Plain Paper, Thin Paper, Thick Paper, Thicker Paper, Recycled Paper, Non carbon paper, Receipt, Business Card, Plastic Card

Media Weights & Thickness ADF

51.8 - 128 gsm
Paper 0.08 ~ 0.14mm

Long Paper

5000mm (300dpi 1-sided single paper)

Card Slot

1 Plastic Card (Portrait)
Without Emboss
(0.76-1.02mm) or
Embossed (1.24mm)

Media/Plastic Card Size

Width (ISO) - 54mm
(Min/Max 51-55mm),
Length (ISO) - 85.60mm
(Min/Max 80.825-90.375mm)

Mobile and Web Connectivity

Brother Mobile Connect

Use a Brother app to scan to a mobile device running iOS or Android operating system

Brother Apps⁸

Scan to Searchable PDF, Microsoft PowerPoint, Word, Excel, Easy Scan to Email

Scan to Workflow³

Configure using Brother iPS software for desktop and then scan direct to Dropbox, Google Drive, iCloud, OneDrive

Web Connect^{8,9}

Without a PC you can upload from scan for Box, SharePoint Online, DropBox, Evernote™, OneDrive, OneNote, Google Drive™

Fleet Management Tools

Embedded Web Server

Using a web browser with the device IP address or node name gives password protected access to the management software embedded on the device.

WAN Management Software^{2,5}

BRAdmin Light, Brother BRAdmin Professional

Network Security

IPv4

DHCP, APIPA (Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, SMTP Client, FTP/SFTP Client, SMB Client(SMB1.0/2.0/2.1) (=CIFS Client), SNMPv1/v2c/v3, HTTP/HTTPS server, ICMP, Web Services(Scan), SNTP Client

Display IP Address

The dynamic IP assigned to your device can be displayed by pressing the Wi-Fi icon on the home screen

IPv6

RA, DNS Resolver, mDNS, LLMNR responder, SMTP Client, FTP Client, SMB Client(SMB1.0/2.0/2.1) (=CIFS Client), HTTP/HTTPS server, ICMPv6, Web Services(Scan), SNTP Client, SNMPv1/v2c/v3

IP Filter

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

Wireless Network Security

SMTP-AUTH, SSL/TLS (HTTPS, SMTP), SNMP v3, SSH, 802.1x (EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES), WPA3-SAE (AES)

Wireless Setup Support

Wi-Fi Protected Setup™ (WPS)

Security Features

Kensington Lock

Yes

Interface Lock

USB Host, Wi-Fi

Firmware Updates^{2,8}

Yes

E-mail Notifications

Automatically have the device send e-mail alerts when it requires attention

E-mail Reports

Receive usage reports on a regular basis via e-mail

Setting Lock

Secures access to the devices control panel by locking it

Secure Function Lock 3.0

Identify and authenticate an individual or groups of users over a network

On-premise active directory/LDAP

Yes

Syslog

Allows IT Admin to access a single application (SIEM tool) to get device status updates for audit purposes over Syslog

Secure Key Management

Use the default standard self-signed, create a custom self-signed certificate, certificate signing request (CSR), or external public certificate & private key for protected network communication

Address Book

Speed Dials

Add up to 300 e-mail addresses using brother utilities to either access the embedded web server or remote setup on your desktop

Group Send

A combination of up to 20 email address groups can be stored

LDAP

The ability to connect to an external LDAP enabled address book, like Microsoft Exchange

Solutions and Upgrades

HID Class

You can set your machine to use external NFC card readers

Compatible with^{2,9}

Brother Product Upgrade Barcode Utility

Consumables and Accessories

Carton Contents

ADS machine, USB Type-C Cable, Quick setup guide, Product safety guide, Warranty

Optional A3 Carrier Sheet

CS-A3301 500 times (Pack of 2)

Optional Output Tray

OT-1001C

Dimensions and Weights

With Carton Dimensions

369 (W) x 158 (D) x 200 (H) mm

Weight

2.4kg

Without Carton Dimensions

Input Tray Closed

288(W) x 101(D) x 85(H) mm

Input Tray Extended

288(W) x 211(D) x 205(H) mm

Weight

1.42kg

Environment

Power Requirements

AC:100-240V, 50/60 Hz,

DC: 5V, 3A

USB: DC5V, 3A(Type-C)

Power Consumption

(Scanning) AC:~12W, DC:~10W

(Ready) AC:~6.4W, DC:~5.2W

(Sleep) AC:~1.5W, DC:~1.1W

(Networked Standby) AC:~2.0W

(Off) ~0.1W

Power Saving Mode

This enables the scanner to consume less energy when not in use

LCD Back Light Off Timer

(10s/20s/30s/Off) Yes

Sound Power Level

(Scanning) 62dB

Operating Environment

Humidity 20 - 80 %

5°C - 35°C

41°F - 95°F

Storage Environment

Humidity 10 - 90 %

0°C - 40°C

32°F - 104°F

RoHS

Yes

- 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 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
- 7 Windows server support scanner driver only
- 8 Requires an Internet connection
- 9 Requires additional activation
- 10 Document sizes larger than A4, but not exceeding A3, can be scanned (single-side) using carrier sheet
- 11 Requires USB Type-C connection with 15W power source (not included)
- 12 For more information visit <https://setup.brother.com>



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

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.

brother
at your side