



# Smart, compact document scanner

ADS-1700W



SCAN



WIRELESS

[www.brother.ie](http://www.brother.ie)

# Smart, compact document scanner

Make it easy to save your documents for everyday use, with the ADS-1700W. Designed for offices where space is limited, the compact ADS-1700W is both powerful and versatile. With wireless connectivity, you can put the scanner where it's most convenient for you.

**ADS-1700W**



## Key Features:

- Fast 2-sided scan speeds up to 25 pages / 50 images per minute
- 20 sheet Automatic Document Feeder (ADF)
- Inbuilt wireless network connectivity
- 7.1cm colour LCD touchscreen
- Create up to 20 touchscreen shortcuts
- Dedicated plastic ID card scanning slot
- Zero-touch scanning with auto start scan
- Scan to PC, email server, network, SFTP/FTP, custom workflows and USB host
- Industry leading Nuance Power PDF software

### Freedom to connect anywhere

Scan documents wirelessly to your laptop or mobile phone with the ADS-1700W, and make scanning quick and easy for anyone, whether at home or in the office.

### Time-saving shortcuts

Scanning to multiple locations has never been easier. Reduce the time you spend on repetitive tasks with auto start scan. Documents scan automatically as soon as you insert them into the ADS-1700W. Alternatively, multiple scan-to functions can be set up as a shortcut from the touchscreen, providing intuitive control over the scanning of documents.

### Mixed media, consistent results

Scanning 2-sided multi-page documents has never been easier. Using the Automatic Document Feeder (ADF), you can scan up to 25 sheets per minute with ease. Whilst a dedicated card slot comfortably handles plastic ID cards, so your records can be easily kept up to date.

### Peace of mind security

Restrict functions to specific users. Sensitive and personal information can be saved securely, protecting them from unauthorised access.

## General

### Technology

Dual CIS  
(contact Image Sensor)

### Product Form Factor

Smart, compact sheet fed scanner

### Local Interface

Super Speed micro USB 3.0  
Type B or micro USB 2.0  
Type B, USB 2.0 Host

### Backup Clock

Up to 24 hours

### Light Source

LED array

### Networking

WLAN IEEE 802.11b/g/n  
(Infrastructure Mode)  
IEEE 802.11g (Wi-Fi Direct)

### Control Panel

7.1 cm LCD colour touch screen, LED, Keys

## Scan

### Scan Speed Standard (A4) Colour and Mono

Up to 25ppm  
(pages per minute)

### Scan Speed 2-Sided (A4) Colour and Mono

Up to 50 sides per minute  
(25 sheets per minute)

### Optical Scan Resolution

Up to 600 x 600dpi

### Interpolated Scan Resolution<sup>3</sup>

Up to 1,200 x 1,200dpi

### Colour Depth

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

### Grey Scale

256 Levels (8 bit)

## Scanner Driver<sup>2</sup>

### Windows<sup>9</sup>

TWAIN, WIA  
Windows 10  
(32 & 64 bit editions)  
Windows 8  
(32 & 64 bit editions)  
Windows 7  
(SP1 32 & 64 bit editions)  
Windows Server 2016,  
2012R2, 2012, 2008R2(SP1)

### Macintosh

TWAIN ICA  
macOS 10.11.6, 10.12.x,  
10.13.x

### Linux

SANE

## Software<sup>2</sup> for Windows

### iPS for Windows PC

iPS - Easy to use scan software from Brother offering document workflow management

### Nuance<sup>®</sup> PaperPort SE 14

Document management and sharing program

### Nuance<sup>®</sup> Power PDF

PDF Editor built to maximise productivity

### Remote Setup

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

## Software<sup>2</sup> for macOS

### iPS for macOS

iPS - Easy to use scan software from Brother offering document workflow management

### Remote Setup

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

<sup>1</sup> 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

<sup>2</sup> Free download from the Brother Solutions Centre <http://solutions.brother.com>

<sup>3</sup> All supported using downloadable software

<sup>4</sup> Capacity varies dependent on paper weight

<sup>5</sup> Windows Only

<sup>6</sup> Can scan documents longer than A4 size. When using brother (TWAIN) to scan up to 300 dpi, the maximum scanning length is 863mm

<sup>7</sup> Windows and macOS only

<sup>8</sup> Windows server support scanner driver only

<sup>9</sup> Maximum number of 20 sheets per job

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## Scanner Functions

### Supported file formats

Including TIFF (BW only), JPEG (Greyscale/Colour), PDF, Secured PDF, Signed PDF, PDF/A-1b, Searchable PDF<sup>3</sup>

### Direct Scan<sup>9</sup>

Scan directly to a USB flash memory drive and to a PC without installing any driver

### ID Scan

A front in/front out scanning of ISO ID-1 plastic card types such as drivers licenses and insurance cards using a dedicated ID card slot

### Standard Functions

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

### Scan to Email Server

Scan and share documents via an e-mail server directly from the touch panel

### Scan to File<sup>3</sup>

Scan to a file on your computer using a network connection, dedicated software or USB mass storage mode

### Scan to Workflow<sup>3</sup>

Scan directly from the touch panel to multiple destination with user defined workflows configured from Brother iPS software for desktop

### Scan Profile<sup>7</sup>

Create up to 25 preset network, FTP, SFTP, profiles for an easy way to store multiple scan settings

### Scan to Network Folder

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

### Scan to SFTP/FTP

Scan documents directly to a SFTP/FTP server directly from the touch panel

### Configurable Shortcuts

Create up to 20 personalised shortcuts for quick and easy access to your regular scanning functions

### Greyscale 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

### B&W Level Adjustment<sup>5</sup>

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

### Colour Tone Adjustment

Sets colour image quality for Brightness, Contrast, Gamma

### Colour Drop<sup>5</sup>

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

### Edge Emphasis<sup>5</sup>

Increase text definition and density to make it easier to read

### Compression<sup>5</sup>

Used to minimise the size of a scanned file allowing more images to be stored in a given amount of memory space

### Punch Hole Removal<sup>5</sup>

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

### Character Enhancement<sup>5</sup>

Increase text definition and density to make it easier to read

### Auto Deskew<sup>5</sup>

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

### Detect End of Page<sup>5</sup>

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

### Auto Image Rotation<sup>5</sup>

Documents can be scanned in any orientation. Automatically changing the direction of the document based on the text orientation

### Background Processing<sup>5</sup>

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

### Edge Fill<sup>5</sup>

Determines area and colour of the image frame

### Auto Colour Detection

Set the detection level to pre-sort batched documents between colour and black & white

### Skip Blank Page

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

### Margin Setting<sup>5</sup>

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

### Single Page Scan

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

### Continuous Scan

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

### 2-to-1 Scan<sup>5</sup>

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

### Barcode Detection<sup>5</sup>

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 corresponds to the TWAIN barcode detection protocol is required.

### Auto Start Scan

To reduce the amount of time it takes to perform a specific repetitive scan job

### Resume Scan

Begin scan job again or continue after a pause or interruption

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## Paper Handling

### Paper Input / Output

Up to 20 sheets<sup>4</sup>

### Paper Size Single<sup>6</sup>

Width: 51 - 215.9mm,  
Length: 51 - 863mm

### Paper Size Multi

Width: 51 - 215.9mm,  
Length: 70 - 297mm

### Paper Weight

51.8gsm - 200gsm  
(single paper)

51.8gsm - 128gsm  
(multi paper or long paper)<sup>6</sup>

### Receipts

Length: 76.2 - 355.6mm

### Plastic Card Size

Portrait - Width: 51 - 55mm,  
Length: 80 - 90mm

### Plastic Card Thickness

Plastic Card: 0.76 - 1.02mm  
Embossed: Up to 1.24mm

## Mobile and Web Connectivity

### iPrint&Scan for Mobile

Scan directly to a mobile device running Android or iOS operating Systems

### Scan to Workflow<sup>3</sup>

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

## Fleet Management Tools

### Embedded Web Server

Web based scanner management software embedded onto the machine

### BRAdmin Light<sup>2,7</sup>

WAN management software

## Security and Network

### Network Protocols

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

### Wireless Network Security

WEP 64/128 bit,  
WPA-PSK (TKIP/AES),  
WPA2-PSK (AES),  
SMTP-AUTH, SSL/TLS  
(HTTPS, SMTP),  
SNMP v3, SSH

### Wireless Setup Support

Wi-Fi Protected Setup™ (WPS)

### Secure Function Lock 3.0

Restrict access to individual or groups of users over a network. Can be used with PC user login

### IPv4

DHCP, APIPA (Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, SMTP Client, FTP/SFTP Client, CIFS Client, SNMPv1/v2c/v3, HTTP/HTTPS server, Web Services(Scan), ICMP, SNMP Client

### IPv6

RA, DNS Resolver, mDNS, LLMNR responder, SMTP Client, FTP Client, CIFS Client, HTTP/HTTPS server, ICMP, Web Services(Scan), SNMP Client

### Setting Lock

Secures access to the devices control panel by locking it

## Supplies and Accessories

### Carton Contents

ADS machine  
AC adapter  
Quick setup guide  
Product safety guide  
USB Cable NOT included  
Warranty

### Periodical

#### Replacement Parts

Separation Pad x 1;  
Pad Life 10,000 Sheets  
Part Number - SP-2001C  
Pick-up Roller x 1;  
Roller Life - 100,000 sheets  
Part Number - PUR-2001C

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## Dimensions and Weights

**With Carton (WxDxH)**  
380 x 157 x 200 mm  
1.9 Kg

**Without Carton (WxDxH)**  
300 x 103 x 83 mm  
1.41 Kg

## Duty Cycle

**Maximum Daily**  
Up to 1,000 sheets

**Maximum Monthly<sup>1</sup>**  
Up to 10,000 sheets monthly scan volume

## Environment

**Power Requirement**  
AC: 100 – 240V 50/60Hz,  
DC: 5V, 3.0A

**Power Consumption**  
(Scanning) 9W

**Power Consumption**  
(Ready) 4.5W

**Power Consumption**  
(Sleep) 1.6W

**Power Consumption**  
(Off) 0.1W

**Sound Pressure Level**  
Scanning - 50dB  
Ready - inaudible

**Sound Power Level**  
Scanning - 62dB  
Ready - inaudible

**Power Saving mode**  
This enables the scanner to consume less energy when not in use

**GS Mark**  
Yes

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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.

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at your side