



**i-SENSYS X 1643P**

# FAST AND RELIABLE DAY-TO-DAY PRINTING FOR BUSY OFFICES

A4 black and white desktop printer offering flexible configuration for maximum efficiency



**PRODUCTIVITY**



**CONTROL AND  
MAINTENANCE**



**CONNECTIVITY**



**COMPACT DESIGN**



**SECURITY**

**Canon**

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# i-SENSYS X 1643P

## PRODUCTIVITY

- Clear five-line display and intuitive interface
- Fast printing and output
- Automatic duplex printing
- Print various media types and size

## SECURITY

- User Authentication prevents unauthorised device access
- Secure Print ensures no documents can be printed without physical user presence
- Device integrity is protected by Verify System at Start-up

## CONNECTIVITY

- USB and mobile connectivity
- Compatible with Air Print, Mopria and Canon PRINT Business app
- Connect to the cloud via Canon's uniFLOW Online software

## COMPACT DESIGN

- Intelligent design allows easy operation
- Add additional input capacity without compromising device size
- All-in-one toner cartridges save even more space

## CONTROL AND MAINTENANCE

- Integrated toner status tool reduces downtime
- Cloud and server-based software options centralise fleet control
- Flexible user management solutions
- Remote access to device control functions

## QUICK FACTS

### i-SENSYS 1643P

- Print Speed: 43ppm (A4), 65ppm (A5 landscape)
- Print resolution: up to 1,200 x 1,200 dpi
- Automatic double-sided printing
- High-speed USB and Ethernet connection
- Print volume: up to 150,000 per month
- Max paper input capacity: 2,300 sheets

## SERVICES

### CORE

Perform routine office operations safely and with ease, utilising embedded software including uniFLOW Online Express and other available services offering complete device maintenance and support



HARDWARE



SOFTWARE



SERVICES

### BESPOKE

Choose a tailored service to suit your business needs by removing unnecessary print management burdens. Consult with Canon experts about your specific requirements to find a fitting Print Managed Services option

### ENHANCED

Expand cloud capabilities with uniFLOW Online, Canon's all-in-one print management system

# TECHNICAL SPECIFICATIONS

# i-SENSYS X 1643P

## PRINTER ENGINE

|   |   |
|---|---|
| <b>Print speed</b>                      | Single sided (A4): Up to 43 ppm<br>Double sided (A4): Up to 36.0 ipm<br>Single sided (A5-Landscape): Up to 65.2 ppm   |
| <b>Printing method</b>                  | Monochrome laser beam printing  |
| <b>Print resolution</b>                 | Up to 1200 x 1200 dpi   |
| <b>Warm-up time</b>                     | Approx. 30 seconds or less from power on (default)<br>Approx. 3 seconds or less from power on (quick mode) <sup>1</sup>   |
| <b>First Page Out Time</b>              | Approx. 5.7 seconds   |
| <b>Recommended Monthly Print Volume</b> | 2,000 - 7,500 pages per month   |
| <b>Duty cycle</b>                       | Max. 150,000 pages per month <sup>2</sup>   |
| <b>Print margins</b>                    | 5 mm-top, bottom, left and right<br>10 mm-top, bottom, left and right (Envelope)  |
| <b>Advanced printing features</b>       | Secure Print <sup>3</sup><br>Print from USB memory key (JPEG/TIFF/PDF/XPS)<br>Barcode Print <sup>4</sup><br>Google Cloud Print Ready<br>iOS: AirPrint, Canon PRINT Business app<br>Android; Mopria certified, Canon Print Service Plug-in, Canon PRINT Business app |

## MEDIA HANDLING

|                               |  |
|-------------------------------|--|
| <b>Paper input (Standard)</b> | 550-sheet cassette<br>100-sheet multi-purpose tray   |
| <b>Paper input (Option)</b>   | 550-sheet cassette x 3   |
| <b>Paper output</b>           | 150-sheet face down  |
| <b>Media types</b>            | Plain paper, Heavy paper, Recycled paper, Colour paper, Bond paper, Label, Envelope, Post card   |
| <b>Media sizes</b>            | Cassette (Standard):<br>A4, B5, A5, A5 (Landscape), A6, LTR, LGL, EXE, STMT, FLS, K16<br>Custom size - width: 105.0 to 216.0 mm, length: 148.0 to 355.6 mm<br><br>Multi-purpose tray:<br>A4, B5, A5, A5 (Landscape), A6, LTR, LGL, EXE, STMT, FLS, K16, Envelope (COM10, Monarch, DL, ISO-C5),<br>Index card (3"x5")<br>Custom size - width: 76.2 to 216.0 mm, length: 127.0 to 355.6 mm<br><br>Cassette (Optional):<br>A4, B5, A5, A5 (Landscape), A6, LTR, LGL, EXE, STMT, FLS, K16<br>Custom size - width: 105.0 to 216.0 mm, length: 148.0 to 355.6 mm |
| <b>Media weights</b>          | Cassette: 60 to 120 g/m <sup>2</sup><br>Multi-purpose tray: 60 to 199 g/m <sup>2</sup>   |
| <b>Double sided printing</b>  | Automatic<br>Cassette (Standard and optional):<br>A4, LTR, LGL, FLS<br>Custom size - width: 210.0 to 216.0 mm, length: 279.4 to 355.6 mm<br>60 to 120 g/m <sup>2</sup>   |

## GENERAL FEATURES

|                           |  |
|---------------------------|--|
| <b>Power requirements</b> | 220-240V (±10%) 50/60Hz (±2Hz)   |
| <b>Power consumption</b>  | Maximum: Approx. 1390W or less<br>Active: Approx. 600W or less<br>Standby: Approx. 10.1W or less<br>Sleep: Approx. 1.2W or less<br>Typical Electricity Consumption (TEC): 0.52 kWh/week <sup>5</sup><br>For detailed information relating to Lot26 regulation, please go to: <a href="http://www.canon-europe.com/For_Work/Lot26/index.aspx">http://www.canon-europe.com/For_Work/Lot26/index.aspx</a> |

## Noise level

|  |  |
|--|--|
|  | Sound power <sup>5</sup><br>Active: 69 dB<br>Standby: Inaudible                                  |
|  | Sound pressure <sup>5</sup><br>Active: 54 dB<br>Standby: Inaudible                               |
|  | 409 mm x 376 mm x 275 mm   |
|  | Approx. 11.5 kg  |
|  | Temperature: 10 to 30°C (50 to 86°F)<br>Humidity 20 to 80% RH (no condensation)                  |
|  | 5 Line LCD, 5 LED (Online, Ready, Message, Job and Energy saver), Buttons, 10-key numeric keypad |

## CONTROLLER

|  |   |
|--|---|
| <b>Processor Speed</b>                 | 528MHz + 264 MHz  |
| <b>Memory</b>                          | 1GB   |
| <b>Printer Languages</b>               | UFRII (Ultra Fast Rendering), PCL5e <sup>6</sup> , PCL6, Adobe® PostScript3   |
| <b>Fonts</b>                           | 105 PCL fonts, 136 PS fonts   |
| <b>Interface and connectivity</b>      | USB 2.0 High-Speed, 10BASE-T/<br>100 BASE-TX/1000BASE-T   |
| <b>Software and Printer Management</b> | Remote User Interface (RUI),<br>Department ID Management,<br>iW Enterprise Management Console Server-based software for centralised management of a fleet of devices<br>eMaintenance: embedded RDS allows remote eMaintenance services such as meter capture, automatic consumables management and remote diagnostics.<br>uniFLOW compatibility with uniFLOW Login Device Client for SFP MEAP |

## Operating Systems Compatibility

|  |  |
|--|--|
|  | Windows* 10 / Windows* 8.1 / Windows* 7 / Server* 2019 / Server* 2016 / Server* 2012R2 / Server* 2012 / Server* 2008R2 / Server* 2008 / Server* 2003R2 / Server* 2003<br>Mac OS X version 10.9.5 & up / Mac OS 10.15 & up<br>Linux*/Citrix |
|--|--|

## CONSUMABLES

|                              |  |
|------------------------------|--|
| <b>All-in-One cartridges</b> | TONER T06 (20,500 pages <sup>8</sup> ) |
|------------------------------|--|

## ACCESSORIES/ OPTIONS

|              |   |
|--------------|---|
| <b>Items</b> | Paper Feeder PF-C1 (550-sheet cassette) x 3<br>Plain Pedestal Type-V2<br>Plain Pedestal Type-AB1<br>SD Card-C1 (8GB SD card memory)<br>Barcode Printing Kit-F1<br>(Enables barcode printing capability) <sup>9</sup><br>PCL Font Set-C1 (Enables Unicode printing capability on SAP and supports Andale font) <sup>9</sup><br>MiCard Multi (Card reader for identification with RFID or magnetic cards with uniFLOW)<br>MiCard Plus (Card reader for identification with RFID or magnetic cards with uniFLOW) |
|--------------|---|

## Notes:

- <sup>(1)</sup> Change setting to quick mode is required
- <sup>(2)</sup> Duty cycle is defined as the maximum number of printed pages for a single peak month. Any usage above the recommended duty cycle may decrease the life of the product
- <sup>(3)</sup> Accessory - SD Card-C1 - is required
- <sup>(4)</sup> Accessory - Barcode Printing Kit-F1 - is required
- <sup>(5)</sup> Declared noise emission in accordance with ISO 9296
- <sup>(6)</sup> Commands supported only. Third party driver or direct printing from application required.
- <sup>(7)</sup> Web distribution only. Driver will be available from second half 2020 onwards.
- <sup>(8)</sup> Based on ISO/IEC 19752
- <sup>(9)</sup> Barcode Printing Kit-F1 and PCL Font Set-C1 cannot be installed at the same time
- <sup>(10)</sup> As per US ENERGY STAR® version 3.0.

## Software & Solutions



## Compatibility



# Canon

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