



**i-SENSYS X 1800P Series**

# **HIGH-VOLUME, HIGH-SPEED PRINTERS WITH ROBUST SECURITY**



**VERSATILE  
PRINTING**



**PROTECTION  
AGAINST THREATS**



**CONTROL AND  
MAINTENANCE**



**ACCELERATE  
EFFICIENCY**

**Canon**

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# i-SENSYS X 1800P Series

## VERSATILE PRINTING

- Versatile Printing with up to six different optional paper tray and pedestal configurations, the i-SENSYS X 1800P can operate as a standard desk top, or become a large free standing work station. With a variety of supported media sizes, it can be tailored for any business

## PROTECTION AGAINST THREATS

- 360-degree security ensures complete document, device and network security. Security features include encrypted secure print, verify system at start-up, and network protection

## CONTROL AND MAINTENANCE

- Flexible user management solutions for business administrators and IT department. Remote access to the device control functions, along with the toner status tool reduces downtime

## ACCELERATE EFFICIENCY

- Print large volumes of documents with optional additional paper cassettes to a maximum capacity of 4,300 sheets

## QUICK FACTS

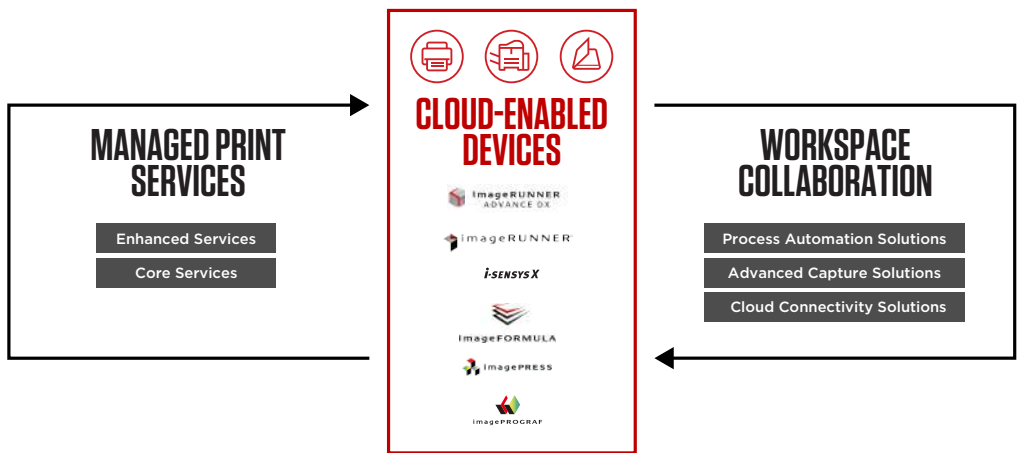
### i-SENSYS X 1861P

- Print speed: 61ppm (A4)
- Print resolution: Up to 1200 x 1200 dpi
- Automatic double-sided printing
- uniFLOW Online Express
- Network, USB and Wi-Fi connectivity
- Standard paper input: 650-sheet

### i-SENSYS X 1871P

- Print speed: **71ppm (A4)**
- Print resolution: Up to 1200 x 1200 dpi
- Automatic double-sided printing
- uniFLOW Online Express
- Network, USB and Wi-Fi connectivity
- Standard paper input: 650-sheet

## TAILORED SOLUTIONS TO MEET EVERY CHALLENGE



Canon's Digital Transformation Services (DTS), bring together our leading hardware and software into an integrated technology ecosystem, designed to support your transformation journey. This offering combines Managed Print Services and Workspace Collaboration solutions, to help you gain transparency and control over the entire document lifecycle.



TECHNICAL SPECIFICATIONS

i-SENSYS X 1800P Series

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PRINTER ENGINE                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Noise level                                               | i-SENSYS X 1861P:<br>Sound power <sup>3</sup><br>Active: Simplex 70 dB or less<br>Duplex 71 dB or less<br>Standby: Inaudible <sup>9</sup><br>Sound pressure <sup>3</sup><br>Active: 55 dB or less<br>Standby: Inaudible <sup>9</sup><br>i-SENSYS X 1871P<br>Sound power <sup>2</sup><br>Active: 72 dB or less<br>Standby: Inaudible <sup>9</sup><br>Sound pressure <sup>3</sup><br>Active: 56 dB or less<br>Standby: Inaudible <sup>9</sup>                                                                   |
| Print speed                      | i-SENSYS X 1861P<br>Single sided : Up to 61 ppm (A4)<br>Up to 100 ppm(A5-Landscape)<br>Double sided : Up to 50.9 ipm (A4)<br><br>i-SENSYS X 1871P:<br>Single sided : Up to 71 ppm (A4)<br>Up to 115 ppm(A5-Landscape)<br>Double sided : Up to 58.7 ipm (A4)<br>Monochrome laser beam printing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Dimensions (W x D x H)<br>Weight<br>Operating environment | 430 mm x 465 mm x 370 mm<br>Approx. 20 kg<br>Temperature: 10 to 30°C (50 to 86°F)<br>Humidity 20 to 80% RH (no condensation)                                                                                                                                                                                                                                                                                                                                                                                  |
| Printing method                  | Up to 1200 x 1200 dpi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Control panel                                             | 5 Line LCD, 5 LED (Online, Ready, Message, Job and Energy saver), Buttons, 10-key numeric keypad                                                                                                                                                                                                                                                                                                                                                                                                              |
| Print resolution                 | Print ready message shown:<br>Approx. 2 seconds or less from power on                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CONTROLLER                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Warm-up time                     | Mono; approx. 4.9 seconds                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Processor Speed                                           | 1.6GHz x 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| First Page Out Time              | i-SENSYS X 1861P: 3,000-16,000 pages<br>i-SENSYS X 1871P: 4,000-20,000 pages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Memory                                                    | 2GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Recommended Monthly Print Volume | i-SENSYS X 1861P: Max 420,000 pages <sup>1</sup><br>i-SENSYS X 1871P: Max 450,000 pages <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Storage                                                   | 32GB eMMC (available space 15GB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Duty cycle                       | 5 mm-top, bottom, left and right                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Printer Languages                                         | UFR II (Ultra Fast Rendering), PCL5e <sup>4</sup> , PCL6, Adobe® PostScript <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Print margins                    | Secure Print<br>Print from USB memory key (JPEG/TIFF/PDF/XPS)<br>Barcode Print <sup>2</sup><br>iOS: AirPrint, Canon PRINT Business app<br>Android; Mopria certified, Canon Print Service<br>Plug-in, Canon PRINT Business app<br>Microsoft Universal Print                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Fonts                                                     | 93 PCL fonts<br>(93 Roman, 10 Bitmap fonts, 2 OCR fonts)<br>Andalé Mono WT J/K/S/T (Japanese, Korean, Simplified and Traditional Chinese)* <sup>5</sup><br>Barcode Fonts * <sup>2</sup><br>136 PostScript fonts                                                                                                                                                                                                                                                                                               |
| Advanced printing features       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Interface and connectivity                                | USB 2.0 Hi-Speed, 10BASE-T/100BASE-TX/1000Base-T, Wireless 802.11b/g/n, Wireless Direct Connection                                                                                                                                                                                                                                                                                                                                                                                                            |
| MEDIA HANDLING                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Network Protocol                                          | Print: TCP/IP (LPD/Port9100/IPP/IPPS/FTP/WSD)<br>Management: SNMPv1, SNMPv3 (IPv4,IPv6)<br>Security: TLS1.3, IPsec, IP/Mac address filtering, IEEE802.1X, SNMPv3, SSL (HTTPS, IPPS), Dual Network Support<br>Security (wireless):<br>Infrastructure Mode:<br>WEP(64/128 bit), WPA-PSK(TKIP/AES), WPA2-PSK(TKIP/AES), WPA3-SAE (AES), WPA-EAP (AES), WPA2-EAP (AES), WPA3-EAP (AES)<br>Access Point Mode:<br>WPA2-PSK(AES)<br>Wi-Fi Direct Mode:<br>WPA2-PSK (AES)                                             |
| Paper input (Standard)           | 550-sheet cassette<br>100-sheet multi-purpose tray                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Software and Printer Management                           | Remote User Interface (RUI),<br>Department ID Management,<br>Toner Status Tool,<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>Content Delivery System: Server platform enables automatic firmware update to the device.<br>uniFLOW online / uniFLOW online Express / uniFLOW compatibility |
| Paper input (Option)             | 550-sheet cassette x 4 (Paper Feeder PF-J1)<br>2,000-sheet cassette (Paper Deck Unit PD-H1)<br>75-sheet envelope cassetts (Envelope Feeder EF-B1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Operating Systems Compatibility                           | Windows® 11 / Windows® 10 / Windows® 8.1 / Server® 2022 / Server® 2019 / Server® 2016 / Server® 2012R2 / Server® 2012 / Mac OS X version 10.12 & up Linux®                                                                                                                                                                                                                                                                                                                                                    |
| Maximum paper input capacity     | 4,300-sheets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CONSUMABLES                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Paper output                     | 500-sheet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | All-in-One cartridges                                     | TONER T15 Black (42,000 pages <sup>7</sup> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Media types                      | Multi-Purpose Tray: Plain paper, Recycled paper, Heavy Paper, Thin paper, Colour paper, Coated paper, Pre-punched, Letterhead, Post card, Envelope<br>Cassette: Plain paper, Recycled paper, Heavy Paper, Thin paper, Label, Colour paper, Coated paper, Pre-punched, Letterhead                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ACCESSORIES/ OPTIONS                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Media sizes                      | Cassette (Standard):<br>A4, A5, A5 (Landscape), A6, B5, B6, Legal, Letter, Executive, Statement, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, ILGL, GLGL, Foolscap, Custom sizes: Min. 99 x 148 mm Max. 216.0 x 355.6 mm.<br><br>Multi-purpose tray:<br>A4, A5, A5 (Landscape), A6, B5, B6, Legal, Letter, Executive, Statement, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, ILGL, GLGL, Foolscap, Index, Envelope (COM10, No10, Monarch, C5, DL), Custom sizes: Min. 76.2 x 127 mm Max. 216.0 x 355.6 mm<br><br>Cassette (Optional):<br>A4, A5, A5 (Landscape), A6, B5, B6, Legal, Letter, Executive, Statement, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, ILGL, GLGL, Foolscap, Custom sizes: Min. 99 x 148 mm Max. 216.0 x 355.6 mm<br><br>Envelope Feeder (Optional):<br>Envelope (COM10, No10, Monarch, C5, DL)<br><br>Cassette (standard and optional): 60 to 135 g/m <sup>2</sup><br>Envelope Feeder (Optional): 80 to 100 g/m <sup>2</sup><br>Multi-purpose tray: 60 to 199 g/m <sup>2</sup><br><br>Automatic<br>Cassette:<br>A4, A5, B5, Legal, Letter, Executive, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, ILGL, GLGL, Foolscap, F4A, 16K<br>Custom size - Min. 148 x 210 mm<br>Max. 216 x 355.6 mm<br>60 to 120 g/m <sup>2</sup> | Items                                                     | Paper Feeder PF-J1 (550-sheet cassette) x 4<br>Paper Deck Unit PD-H1 (2,000-sheet cassette deck)<br>Envelope Feeder EF-B1 (Envelope feeder cassette)<br>Barcode Printing Kit-D1 (Enables barcode printing capability)<br>PCL Font Set-A1 (Enables Unicode printing capability on SAP and supports Andale font)<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)             |
| Media weights                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Double sided printing            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| GENERAL FEATURES                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Power requirements               | 220-240V (±10%) 50/60Hz (±2Hz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Power consumption                | Maximum: Approx. 1500W or less<br>Active: Approx. 771.49W or less<br>Standby: Approx. 13.69W or less<br>Sleep: Approx. 1.0W or less<br>Typical Electricity Consumption (TEC):<br>1861P = 0.61kWh/week <sup>8</sup><br>1871P = 0.73kWh/week <sup>8</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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

**Notes:**  
<sup>[1]</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>[2]</sup> Accessory - Barcode Printing Kit-D1 - is required  
<sup>[3]</sup> Declared noise emission in accordance with ISO 9296  
<sup>[4]</sup> A Canon PCL5e driver is not supplied, however PCL5e commands are supported on the device.  
<sup>[5]</sup> Accessory - PCL FONT SET-A1E - is required  
<sup>[6]</sup> Web distribution only. Driver will be available in 2H, 2022  
<sup>[7]</sup> Based on ISO/IEC 19752  
<sup>[8]</sup> As per US ENERGY STAR® version3.0.  
<sup>[9]</sup> Inaudible means that the emission sound pressure level for a bystander is lower than absolute standard for background noise in accordance with ISO 7779



## Software & Solutions



## Compatibility



# Canon

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