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Canon Océ PlotWave 450 Specifications



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TECHNOLOGY

Product description

Black & white all-in-one wide format print/copy/scan system with color scanner

Imaging technology

Electrophotography (LED), organic photoconductor (OPC), clean closed toner system, Océ Radiant Fusing technology

Toner/ Ink type

Océ black toner: 0.450 kg per bottle

Print speed

Black & white: 8 A1-sizes per minute, 4 A0 sizes per minute

Print resolution

600 x 1200 dpi

GENERAL

Configuration

Printer or multifunctional 2 or 4 rolls

Size main engine (WxDxH)

Compact design: 1527 x 803 x 1495 mm (including top delivery tray)

Weight main engine

240 kg

Certifications

CE, TUV GS, CETECOM, C-UL-US, Energy Star 2.0, FEMP, Rohs, CCC, VCCC

MEDIA HANDLING

Paper rolls

2 or 4 rolls

Paper cutting

Cutters included in the drawer for fast and easy media switching

Maximum paper capacity

2 roll: 365 m² 4roll: 730 m²

Paper weight

60 - 110 g/m²

Roll width

297 - 914 mm

Printing length

Minimum: 279 mm - Maximum: 176 meters

Output delivery

Integrated top delivery tray

Media type

Paper: Plain paper, Transparencies, Translucent, Recycled paper, Engineering Bond, Engineering Vellum, Colored paper, Top Label Paper FSC, Red Label Paper PEFC, Black Label Paper PEFC, Green Label FSC, RecycledWhiteZero FSC, Transparent Paper, Transparent Paper FSC, Polyester film, Polyester film antistatic, Contrast Film, Clear Polyester Film, Double Matte Polyester Film, White Opaque Polyester Film, Translucent Engineering Bond, Engineering Bond, Recycled Engineering Bond, Engineering Vellum, Color Top, Recycled paper, Plain Paper recycled, Transparent

USER INTERFACE

Description

Océ ClearConnect multi-touch user interface

Size (WxDxH)

300 x 220 x 40 mm. Touch screen: 10.4"

Resolution

800 x 600 pixels

Number of colors

16.2 Million

Technology

Projective capacitive touch

Operation

3 hard buttons: [Wake-up], [Stop, interrupt, abort], [Home].

Multi-touch functions: pinch, swipe, flick, zoom, pan

Features

View optimization: Tilt (-4 to +45 degrees) and turn (-45 to +180 degrees). Status light (red, orange, green). USB interface with indication light

CONTROLLER

Description

High performance Océ POWERsync controller with Windows 8 Embedded, 64 bits

Processor

Dual-Core G1620 @ 2.70GHz

Memory

4 GB DDR3 (standard)

Video

Intel HD Graphics, 1GHz

Hard disk

500 GB, 7200rpm (standard)

Interface

Ethernet 100 Mbits/s, 1 Gbit/s

TCP/IP: DHCP, IPv4, IPv6, HTTPS

Discovery: APIPA, WS-Discovery, SNMP

Page description language

TIFF, JPEG, HPGL, HPGL2, DWF, C4, Calcomp 906/907/951, CALS, NIRS, NIFF, PS/PDF (optional)

Security

E-shredding, IPsec, IP filtering/Access Control Lists, HTTPS, audit logging, network protocol enable/disable, LDAP integration, Active Directory Integration (optional), User authentication on local ClearConnect user panel (LDAP/Active Directory credentials, smart card) for scan/copy/print. Configure HTTPS Certificates. Removable hard disk option, Optional FIPS 140-2 Certified Trusted Platform Module (TPM) and BitLocker based hard disk encryption, hard disk wipe (Only with Disk Encryption), Configurable CA certificate, Disable Network Ports and Protocols, Security Event Logging, Optional Single Sign-on (on device).

Cloud support

Unlimited user and or Administrator authenticated cloud support via WebDav and/or third party provider: e.g. Microsoft® SharePoint®, Dropbox®, Box.com, box.net, Google® Drive®, Microsoft® OneDrive®, Amazon Cloud Drive®, Cloudsafe®, MyDisk®, PlanWell Collaborate. The cloud user authentication can either be preconfigured by the administrator or done by the user at the time of accessing the specific cloud

Transformations

Scaling; Scaling (scale-to-fit page, reduce when image too large to avoid clipping or to custom factor, scale page size to standard size) , Rotation , Shift (automatic or user defined), Adding/removing trailing/leading edge, Mirror, Black intensity in poster mode, Print optimization (standard, lines/text, poster). Color Highlight and Dark Original. Area to erase (area of interest)

SCANNER

Description

Contact Image Sensor (CIS) Color scanner with Océ Image Logic technology

Scan resolution

600 x 600 dpi

Scan speed

14,6 m/min Black & white scanning;

9.7 m/min Copying;

4.8 m/min Color scanning

Scan format

TIFF, PDF, PDF/A, JPEG, CALS, multi-page PDF, multi-page PDF/A and multi-page TIFF

Scan templates

Virtual unlimited number of scan templates to standardize common scan settings and destinations

Scan destination

Local USB flash drive, FTP, SMB, Smart In box on Controller, Optional Local Home folder(LDAP), mobile device via Océ Mobile WebTools, WebDav Clouds, PlanWell Collaborate.

Original width

208 - 914 mm

Original length

208 mm - 16 m

Original thickness

Maximum 0.8 mm (non-rigid documents)

Zoom

Scale to standard format. Custom: 10 - 1000 %

Preset modes

Lines & text, Lines & text draft, Folded lines & text, Photo, Colored, Dark original, Blueprint, Color Highlight, Diazo

Size scanner (WxDxH)

1097 x 308 x 140 mm

Weight scanner

25 kg

ENVIRONMENTAL

Sound power level

Quiet mode (Standby and sleep): less than 25 dB

Print mode: less than 55 dB

Ozone concentration

<0.001 mg/m³, < 0.000473 PPM (0,05% of permitted limit value)

Heat emission

Ready: 72 W, Active:1.6 kW

Power requirements

90 - 240 V, 50/60Hz

Power consumption

Sleep mode: 1 W

ready mode: 88 W

Active mode: 1.5 KW

Recyclability hardware

Made of steel or highly recyclable plastics: up to 95% of the engine can either be up cycled or recycled. Remaining 5% are non toxic waste.

Recyclability toner container

Bottles made of highly recyclable HDPE (High Density Polyethylene)

WORKFLOW

Description

Concurrent print, copy and scan of single documents or sets

Printer drivers

Océ Wide format Printer Driver 2 for Microsoft® Windows®, Océ PostScript® 3 driver, Océ Mobile WebTools for iOS®, Android® and BlackBerry®, Océ Publisher Mobile for IOS® and Android®, Océ Publisher Express, Océ Publisher Select 2.

Job management

Personalized Smart Inbox with history, Manage queue, Océ Express WebTools, Secure controler access, remote shutdown and restart

Accounting

Océ Account Centre (Optional)

OPTIONS

Hardware

Additional 2nd roll drawer option to increase media capacity from 365 to 730 m2, Océ Scanner Express placed on top of the printer, removable hard disk, Climate Control, TPM module, Océ PlotWave folder, Océ Delivery Tray to increase delivery capacity up to 200 pages.

Software

Océ View Station, Adobe® PostScript ®3/PDF file interpreter, Océ Reprodesk, Océ Account Center.

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