ES8453 MFP Specifications

OKI

The versatile smart MFP, simple to use and seamlessly integrated into document workflow

The ES8453 MFP A3 colour multifunction printer is the perfect choice for small workgroups, offering excellent print quality and copy functionality all in a compact yet powerful device that has a low total cost of ownership. While also providing all the functionality you would expect from higher-priced devices.

With an easy to use and fully customisable 7" touch screen interface the whole workgroup can take advantage of its excellent performance. OKI's smart Extendable Platform (sXP) ensures the ES8453 MFP sits at the heart of your document workflows.

Outstanding features to support your day to day document requirements

- Customisable 7" colour LCD touch screen with intuitive menu system, enhanced help functionality and Job Macro functions for frequent actions

- OKI's smart Extendable Platform (sXP) allows seamless integration with document workflows and 3rd party solutions

- Range of 'in the box' software solutions for added functionality and control including SENDYS Explorer, ABBYY FineReader, smartPrintSuperVision and mobile printing solutions

- High capacity toners reduce total cost of ownership and user intervention

Delivering exceptional colour at impressive speeds

- High resolution colour and mono printing with print speeds of up to 23ppm and 14 seconds to first print

- Duplex printing as standard and encrypted Secure Print function for protected printing

- Paper capacity of up to 2,005 sheets with auto sensing multi-purpose tray for printing on a wide variety of media sizes and weights, from A6 to 1.3m long banners and up to 256gsm

Enhanced fax functionality with Super G3 speed

- Super G3 sends and receives faxes at high speed, with resolution up to 392dpi

- Fax documents directly from or to your PC or forward faxes to another fax machine or an email address

- Block junk faxes and store and view incoming faxes on 7" display

- 40 one-touch buttons and 1,000 speed dials to save time

Improve document workflow with High Definition LED colour scanner

- Fast scan speed of up to 50spm and 100 sheet RADF for multi-page, single and double sided documents

- USB and network TWAIN scanning and save scan settings for repeated tasks

- LDAP provides direct access to contact and email data from existing directory server

- Job Build function enables multiple documents to be scanned to create one single document

- Scan directly to: USB, Network folder, email, FTP server, Local PC and Remote scan

LED scanning and printing delivering superior copy quality

- Fast, high quality copy output of up to 23cpm with automatic document collation

- Job Macro function enables the user to programme frequently used copy settings

- ID Card copy for simple copying of double sided ID cards on a single sheet

- Convenient built-in stapler as standard, for easy post production finishing

A4/A3	✔
Colour/Mono	✔
Print, Scan, Copy and Fax	✔
Prints A6 to 297 x 1321mm, upto 256gsm	✔
1 – 25 users	✔

Variants available:
ES8453dn MFP: duplex, networked
ES8453dnct MFP: duplex, networked, cabinet + 2nd tray
ES8453dnv MFP: duplex, networked, 2nd, 3rd tray & 4th tray

EXECUTIVE SERIES

ES8453 MFP - Colour and Mono Multifunction Products

PRINTER

A4 Print speed	**A4:** 23ppm colour/mono; **A3:** 13ppm colour/mono
Time to first print	14 seconds colour/mono
Warm up time	32 seconds or less from power on
Processor speed	800MHz

SCANNER

Resolution	600 x 600dpi
Speed	Up to 50spm
Colour depth	Output 24 bit (8 bit x 3 RGB)
Document input	Up to 100 sheet RADF
Contrast	7 Levels
Format	PDF/High compression PDF/Secure PDF, TIFF, JPEG, XPS
Address book	LDAP, 1000 Email addresses, 20 group addresses
Scan to	Shared folder (CIFS, FTP, HTTP), E-Mail, USB Memory, Local PC, Remote scan

COPY

First copy out	14.5 seconds colour/mono
Speed	23cpm colour/mono
Resolution	300/600dpi
Reduction / Enlargement	Zoom 25-400 %
Maximum copies	999

FAX

Connectivity	RJ11 x 2 (Line/Tel) PSTN, PBX
Speed	ITU-T G3 (Super G3) 33.6kbps
Fast dialing	40 one touch dials (8 X 5 using scroll key), 1000 speed dials
Groups	32
Broadcast	Maximum 100
Page memory	8MB (approx 400 pages transmit and receive)

INTERFACE AND SOFTWARE

Connectivity	USB 2.0 Device, 10/100/1000 Ethernet, Host USB X 2, Wireless 802.11a/b/g/n (optional)
Printer languages	PostScript3(Emulation), PCL5c, PCL6(XL), EPSON FX, IBM ProPrinter, XPS, PDF(v1.7)
Network & protocols	All major network protocol supported via ethernet card with internal web server for printer and network card set up and management. TCP/IPv4&v6, AirPrint, Google Cloud Print, NetBIOS over TCP, DHCP, DHCPv6, BOOTP, HTTP, HTTPS, DNS, DDNS, WINS, UPNP, Bonjour, SNMPv1&v3, SNTP, IPP, IPPS, WSD Print, WSD Scan, LLTD, IEEE802.1X, LPR, Port9100, Telnet, FTP, IPSEC, Secure Protocol Server, LDAP, LDAPS, CIFS, FTP, FTPS, SMTP, SMTPS, POP3, WLAN802.11a/b/g/n, WPA2, Personal, Enterprise
OS Compatibility[1]	Windows 7 (32-bit & 64-bit), Windows 8 (32-bit & 64-bit), Windows 8.1 (32-bit & 64-bit), Windows Server 2003 (32-bit & 64-bit), Windows Vista (32-bit & 64-bit), Windows Server 2008 (32-bit & 64-bit), Windows Server 2008 R2 (64-bit), Windows Server 2012 (64-bit), Windows Server 2012 R2 (64-bit); Linux PPD; Mac OS 10.6.8 - 10.7, 10.8, 10.9, 10.10
Advanced networking & security	IP Filtering, MAC filtering, SSL/TLS, EAP(IEEE802.1X), IPSec
Utility suite[1]	Color Correct, OKI LPR[2], smart PrintSuperVision[2], Color Swatch[2], Template Manager[2], Web Driver Installer[2], Firmware Update Tool, Front End Installer[2], Network Extension[2], Print Job Accounting Client, PS Gamma Adjuster, Profile Assistant[3], PDF Print Direct[2], Configuration Tool[2], ActKey[2], Network Card Setup[3]
Document management	SENDYS Explorer LITE[2], ABBYY FineReader 12 Sprint

OPERATOR PANEL

LCD Touch-screen	7" (17.5cm) LCD colour backlit touch screen & key top; 23 Hard Keys, 2 LEDs

PRINT QUALITY

Resolution	ProQ 2400 Multi-level technology, 1200 x 600dpi, 600 x 600dpi

[1]Check local OKI Executive Series website for latest driver releases and OS compatibility; [2]Windows only; [3]Mac only; [4]Including all consumables

Consumables Information: For the protection of your printer, and in order to ensure that you benefit from its full functionality, this model has been designed to operate only with genuine OKI toner cartridges. These can be identified by the OKI trademark. Any other toner cartridge may not operate at all, even if it is described as "compatible", and if it does work, your printer's performance and print quality may be degraded.

TYPEFACES

Printer fonts	Scalable: 87 PCL fonts & 80 PostScript fonts, 4 PCL fonts (Line Printer, OCR-A/B, USPS ZIP Barcode)
Barcode	10 types of one dimension with 26 variations: UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, Interleaved2of5, Code39, Code 128, EAN/UCC-128, CODABAR, ZIP+4POSTNET; 2 types of two dimensions : PDF417, QRcode

PAPER HANDLING

Paper capacity	**Tray 1:** 300 sheets of 80gsm; **Multi-purpose tray:** 100 sheets of 80gsm; **RADF:** 100 sheets of 80gsm
Paper capacity optional 2nd tray + cabinet	535 sheets of 80gsm (standard on ES8453dnct MFP)
Paper capacity optional 2nd/3rd/4th tray + caster base	2,005 sheets of 80gsm (standard on ES8453dnv MFP)
Maximum paper capacity	**ES8453dn MFP:** 400 sheets of 80gsm; **ES8453dnct MFP:** 935 sheets of 80gsm; **ES8453dnv MFP:** 2,005 sheets of 80gsm
Paper sizes	**Tray 1:** A3, A4, A5, A6, B4, B5; **Tray 2/3/4:** A3, A4, A5, B4, B5; **Multi-purpose tray:** A3, A4, A5, B4, B5, A6, B6; 11 Envelopes (Com-10, DL, Monarch, C5, C4), Custom size (up to 1321mm length including banner); **RADF:** A3, A4, A5, A6, B4, B5; **Duplex:** A3, A4, A5, B4, B5. Supports custom size: Width 148.5-297mm Length: 210-431.8mm
Paper weight	**Tray 1:** 64 to 220gsm; **Tray 2/3/4:** 64 to 176gsm; **Multi-purpose tray:** 64 to 256gsm; **RADF:** 60 to 120gsm; **Duplex:** 64 to 220gsm
Duplex	Standard
Paper output	**Face up:** 100 sheets (80gsm) **Face down:** 1st bin: 250 sheets (80gsm) 2nd bin: 100 sheets (80gsm)

GENERAL FEATURES

Memory	**Standard RAM:** 1.26GB
	Standard Hard Disk Drive: 250 GB
Environment	**Operating temperature/ humidity:** 10°C to 32°C (17°C to 27°C recommended) / 20% to 80% RH (50% to 70% RH recommended)
	Storage temperature/ humidity: -10°C to 43°C / 10% to 90% RH
Power supply	Single phase 220–240VAC, frequency 50/60Hz +/- 2%
Power consumption	**Typical:** ‹850W; **Max:** ‹1400W; **Idle:** ‹120W (average); **Power Save:** ≤30W, **Deep Sleep:** ≤3W
Noise level	**Operating:** 54dB(A) or less; **Standby:** 37dB(A); **Power save:** Background level
Dimensions (HxWxD)	**ES8453dn MFP:** 700 x 563 x 600mm; **ES8453dnct MFP:** 1216 x 563 x 600mm; **ES8453dnv MFP:** 1216 x 563 x 600mm
Weight[4]	**ES8453dn MFP:** 64kg; **ES8453dnct MFP:** 93.4kg; **ES8453dnv MFP:** 89.3kg approx
Duty cycle	**Maximum:** 60,000 pages/month; **Average:** 8,000 pages/month
Warranty	1 year
Product order numbers	**ES8453dn MFP:** 45850414 (2AC: 45850613); **ES8453dnct MFP:** 45850611 (2AC: 45850614); **ES8453dnv MFP:** 45850612 (2AC: 45850615)

ACCESSORIES (ORDER NUMBERS)

Option Tray	45887302
Cabinet	45893702
Caster Base	45889502
Wireless LAN	45830202

CONSUMABLES (ORDER NUMBERS)

Toner cartridges* (10,000 pages)	Cyan: 45862821; Magenta: 45862820; Yellow: 45862819
Toner cartridge* (15,000 pages)	Black: 45862822
Image drum (30,000 pages)**	Cyan: 44844475; Magenta: 44844474; Yellow: 44844473; Black: 44844476
Transfer Belt (80,000 pages)	44846204
Fuser Unit (100,000 pages)	44848805
Convenience Stapler (3,000 staples)	45513301

*Toner: Number of A4 pages @ ISO/IEC 19798 coverage. Printer shipped with toner for 13,600 Black/7,800 CMY A4 pages @ 5% coverage. **Drum: Average number of A4 pages printed.

ENERGY STAR

AirPrint

Google Cloud Print Ready

OKI

Open up your dreams