

Print your medical imaging in HD colour with integrated DICOM A4/A3 printers

OKI is a leader in printing innovation, providing organisations with High Definition colour printing devices based on digital LED technology, and now our sophisticated range of printers integrate seamlessly with your clinical systems using DICOM.

A first in medical imaging and printing

This is a first in digital printer technology, combining the cost effectiveness and high quality output of an LED printer with embedded DICOM software, allowing you to print directly from medical equipment without the use of conversion software or external print servers. You no longer need to settle for expensive printing on specialist media and devices.

With the C831 DM you can now print your medical imaging cost effectively on standard media formats in vibrant, HD colour and in sizes up to A3. From nuclear medicine to scans (eg MRI, CT) and ultrasounds, these images can now be easily printed for your own non-diagnostic use or to provide a copy for your patients and clients to take away with them.

Reduce your costs and improve your printing

The C831 DM is not only perfect for your medical imaging printing, it can also be used for your standard office printing, from patient letters and forms to medical reports, allowing you to choose one machine that answers all the needs of your organisation, cutting down on the number of devices and consumables used.

The C831 DM is based on our existing, award winning printers, offering the same reliability, ease of use, low total cost of ownership, media flexibility and high quality output, with the additional benefit of embedded DICOM technology. Through system integration, the use of energy efficient equipment, standard printer consumables and a three year on-site warranty, the C831 DM offers considerable savings for your day-to-day printing needs.

See it clearer with OKI

Talking directly with your medical imaging equipment, the C831 DM presents many opportunities for printing high quality, non-diagnostic images in HD mono and colour on a wide range of media. The significantly reduced costs of printing using the C831 DM, compared with traditional DICOM printing technologies, allows medical establishments to change their approach to printing.

Imagine the possibilities; print MRI scans in colour, offer mothers-to-be A4 or A3 ultrasound scans or keep sharp and clear non-diagnostic images in patients' records, and all at a very low cost. In fact, the same cost of printing as standard office documents.

Benefits at a Glance

- Fully integrated DICOM print server
- Up to 3 simultaneous imaging equipment connections
- Recommended usage - Nuclear medicine, ultrasound, MRI/CT scans
- High quality non-diagnostic mono and colour printing of medical images
- No additional external hardware or software required
- Handles media from A6 to A3 wide 1200mm banners, from 64 to 256gsm
- Three year on-site warranty (product to be registered within 30 days of purchase)



C831 DM - Colour and Mono DICOM Embedded Printer

OVERVIEW

Description	The C831 DM is a very small footprint A4/A3 DICOM imager. Perfect for nuclear medicine, ultrasound, CT, MRI
Imaging Technology	CMYK toner based engine with tandem technology. Light sources are LED arrays @ 600 dpi with multi level capability
Network	10/100 Base TX (RJ45) interface

GENERAL FEATURES

Print Format - Paper weight	A4 and A3 - 64 to 256gsm
Dimensions (HxWxD)	360 x 449 x 552mm
Weight	37kg

DICOM SERVER FEATURES

Capability	DICOM 3.0 Print SCP
Maximum number of AET	25
Max # calling modalities	No limitations
Maximum connections	3 simultaneous
Dicom Server interface	Integrated web server
Log	Extended log capability in case of troubleshooting
LUT support	identity, reverse, lin-od
Image generation	Specific color and mono rendering optimized for medical images
Graphical Header	Capability to add a graphical header on each printout

AET DEPENDENT FEATURES

AET Name	Print SCP Application Entity Title (AET)
Printer Tray	Use preferred paper for your medical prints
Copy	Send one, print what you need
Page Format	Force the printout on the selected format
Border Density	Value from Black, White or Client
Empty image Density	Value from Black, White or Client
Replace Header By Logo	Use a graphical header instead of text for enhanced communication on the printouts
Header	Enter text that will print on top of page if Logo isn't used
Footer	Edit the text on page bottom
Contrast	Add or remove contrast on the printouts
Brightness	Add or remove brightness on the printouts
Hi Quality Glossy Black	Print your greyscale images using best composite rendering
Cyan, Magenta and Yellow Gamma	Range from 0.01 to 2.90 by step of 0.01. Values lower than 1.00 will lighten, values higher than 1.00 will darken the image
Smoothing	Prompts C831 to use or not adjustable Sharpen filter to print
Polarity	Force image polarity inversion if needed

ACCESSORIES (ORDER NUMBERS)

Duplex	44717603
2nd/3rd/4th paper tray	44713903
Cabinet	01321101

CONSUMABLES (ORDER NUMBERS)

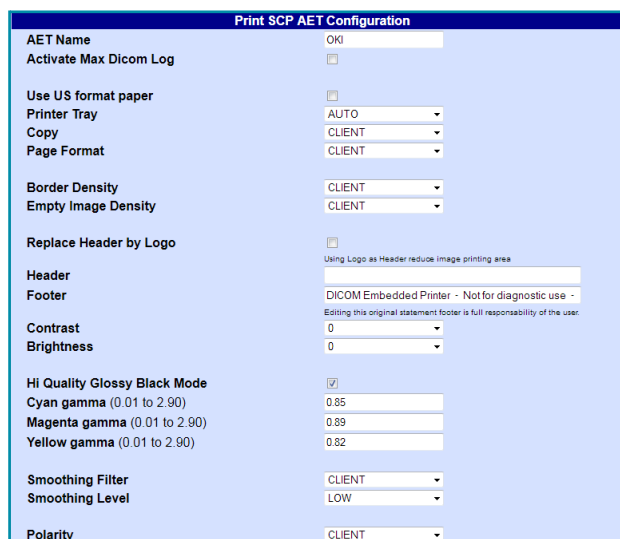
Toner cartridges* (10,000 pages)	Cyan: 44844507; Magenta: 44844506; Yellow: 44844505; Black: 44844508
Image drum** (30,000 pages)	Cyan: 44844407; Magenta: 44844406; Yellow: 44844405; Black: 44844408
Transfer Belt (80,000 pages)	44846204
Fuser Unit (100,000 pages)	44848805

OFFICE USAGE FEATURES

C831 DM inherits all features of standard product	Please refer to C831 specsheet available on OKI websites
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DICOM INTERFACE

On embedded web server	Full configuration of the server features, log viewing
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*Toners: A4 pages yield compliant with ISO/ISC 19798. Printer shipped with toner for 2,500 A4 pages yield compliant with ISO/ISC 19798.

Medical printing strongly alter these values.

**Drum: Average number of A4 pages printed.

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.



3 Year On-site Warranty

Our devices are manufactured to the highest standards of quality and technology, which has been confirmed by independent tests. We are so convinced of the high quality of our products that we are offering you an extension of the standard warranty period to 3 years at no extra cost to you. Simply register your product within 30 days of purchase to be eligible for our unique all inclusive offer. For further information please visit www.oki.co.uk/WARRANTY. Without registration, the standard pan-European 1 year warranty applies.

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