

## 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 ES8431 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 use or to provide a copy for your patients and clients to take away with them.

### Reduce your costs and improve your printing

The ES8431 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 ES8431 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 and the use of energy efficient equipment, the ES8431 DM offers considerable savings for your day-to-day printing needs.

### See it clearer with OKI

Talking directly with your medical imaging equipment, the ES8431 DM presents many opportunities for printing high quality, images in HD mono and colour on a wide range of media. The significantly reduced costs of printing using the ES8431 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 images in patients' records, and all at a very low cost.

### Benefits at a Glance

- Fully integrated DICOM print server
- Up to 3 simultaneous imaging equipment connections
- Recommended usage - CR, nuclear medicine, ultrasound, MRI/CT scans
- High quality 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

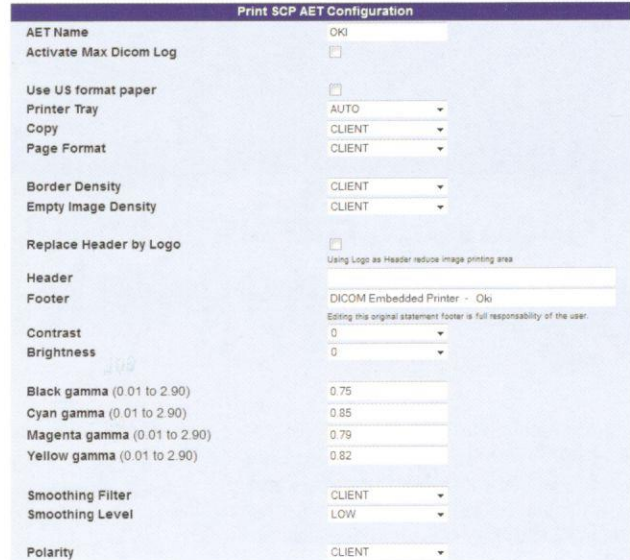
# ES8431DM - VPT - Colour and Mono DICOM Embedded Printers

OVERVIEW	
<b>Description</b>	The ES8431 DM is a very small footprint A4/A3 DICOM imager. Recommended for CR, nuclear medicine, ultrasound, CT, MRI
<b>Imaging Technology</b>	CMYK toner based engine with tandem technology. Light sources are LED arrays @ 600 dpi with multi level capability
<b>Network</b>	10/100 Base TX (RJ45) interface
GENERAL FEATURES	
<b>Print Format - Paper weight</b>	A4 and A3 - 64 to 256gsm
<b>Dimensions (HxWxD)</b>	360 x 449 x 552mm
<b>Weight</b>	37kg
DICOM SERVER FEATURES	
<b>Capability</b>	DICOM 3.0 Print SCP
<b>Maximum number of AET</b>	25
<b>Max # calling modalities</b>	No limitations
<b>Maximum connections</b>	3 simultaneous
<b>Dicom Server interface</b>	Integrated web server
<b>Log</b>	Extended log capability in case of troubleshooting
<b>LUT support</b>	identity, reverse, lin-od
<b>Image generation</b>	Specific color and mono rendering optimized for medical images
<b>Graphical Header</b>	Capability to add a graphical header on each printout
AET DEPENDENT FEATURES	
<b>AET Name</b>	Print SCP Application Entity Title (AET)
<b>Printer Tray</b>	Use preferred paper for your medical prints
<b>Copy</b>	Send one, print what you need
<b>Page Format</b>	Force the printout on the selected format
<b>Border Density</b>	Value from Black, White or Client
<b>Empty image Density</b>	Value from Black, White or Client
<b>Replace Header By Logo</b>	Use a graphical header instead of text for enhanced communication on the printouts
<b>Header</b>	Enter text that will print on top of page if Logo isn't used
<b>Footer</b>	Edit the text on page bottom
<b>Contrast</b>	Add or remove contrast on the printouts
<b>Brightness</b>	Add or remove brightness on the printouts
<b>Black Gamma</b>	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 B/W image
<b>Cyan, Magenta and Yellow Gamma</b>	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
<b>Smoothing</b>	Prompts ES8431 to use or not adjustable Sharpen filter to print
<b>Polarity</b>	Force image polarity inversion if needed
ACCESSORIES (ORDER NUMBERS)	
<b>2nd/3rd/4th paper tray</b>	44713903

CONSUMABLES (ORDER NUMBERS)	
<b>Toner cartridges* (8,600 pages)</b>	<b>Yellow:</b> 44844581; <b>Magenta:</b> 44844582; <b>Cyan:</b> 44844583; <b>Black:</b> 44844584
<b>Image drum** (30,000 pages)</b>	<b>Yellow:</b> 44844493; <b>Magenta:</b> 44844494; <b>Cyan:</b> 44844495; <b>Black:</b> 44844496
<b>Transfer Belt (80,000 pages)</b>	44846204
<b>Fuser Unit (100,000 pages)</b>	44848805

OFFICE USAGE FEATURES	
<b>ES8431 DM inherits all features of standard product</b>	Please refer to ES8431 specsheet available on OKI websites

DICOM INTERFACE	
<b>On embedded web server</b>	Full configuration of the server features, log viewing



\*Toners: Number of A4 pages @ 5% coverage.  
 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.

Distributed in India by:

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