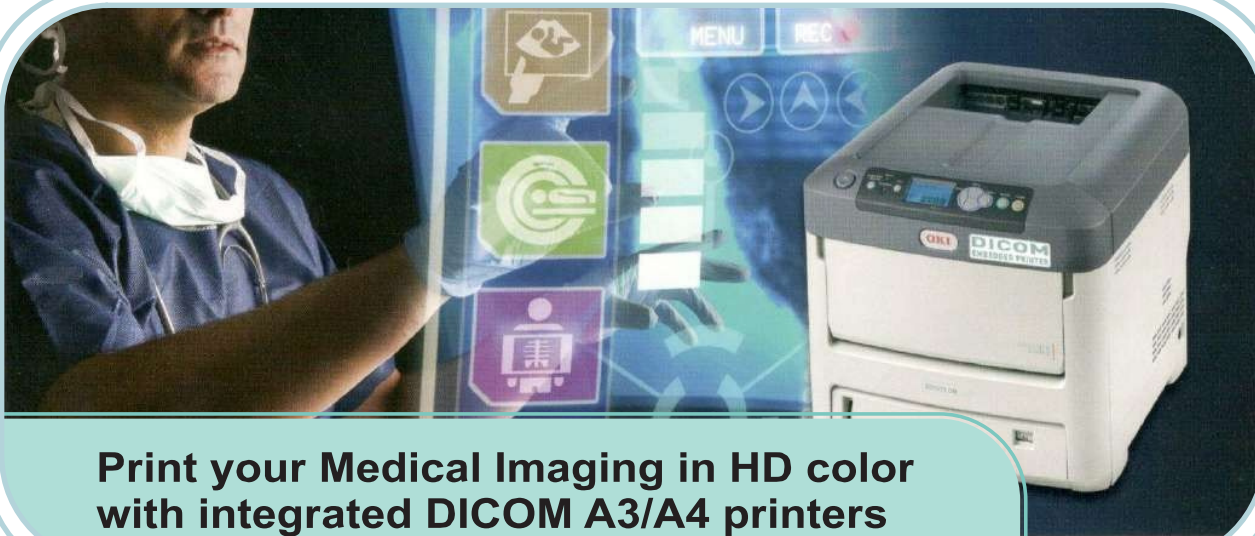


## ES8431DM & ES7411DM

**OKI**  
Open up your dreams



### Print your Medical Imaging in HD color with integrated DICOM A3/A4 printers

OKI is a leader in printing innovation, providing organizations 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 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 ensuring ensuring lossless / no resolution loss of images. You no longer need to settle for expensive printing on specialist media and devices, as such these prints can be used for patient referral.

With OKI Printer you can now print your medical imaging cost effectively on standard media formats in vibrant HD colour and in sizes up to A5. Nuclear Medicine to Scans, (i.e. MRI,CT) X-Rays (CR,DR,Dental, Veterinary, Hospital, Clinical) and Ultrasounds, these images can now be easily printed on plane paper for your use or to provide a copy for your patients and clients.

#### REDUCE YOUR COSTS AND IMPROVE YOUR PRINTING USING PLANE PAPER

OKI printers 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 organization, cutting down on the number of devices and consumables used. OKI printers 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, OKI printers offers considerable savings for your day-to-day Printing needs.

#### SEE IT CLEARER WITH OKI

Talking directly with your medical imaging equipment, OKI printers 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 OKI printers, compared with traditional DICOM printing technologies, allows medical establishments to change their approach to printing. Imagine the possibilities; print MRI scans in color 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 – Digital Radiology, Nuclear Medicine, Ultrasound, MRI/CT Scans, Digital X-Rays, Dental X-Ray/OPG for patient referral
- \* High quality mono and colour printing of medical images
- \* Direct DICOM, no additional external hardware or software required
- \* Handles media from A6 to A3 size, from 64 to 250 gsm paper media



## ES8431DM-VPT-COLOUR AND MONO DICOM EMBEDDED PRINTERS

### OVERVIEW

|                    |                                                                                                                          |
|--------------------|--------------------------------------------------------------------------------------------------------------------------|
| Description        | The ES8431 DM is a very small footprint A4/A3 DICOM imager. Recommended for CR/DR, 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 x449 x552mm          |
| 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                                                                                       |
| Black 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 B/W image |
| 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                      | Prompt ES8431 to use or not adjustable Sharpen filter to print                                                                  |
| Polarity                       | Force image polarity inversion if needed                                                                                        |

## ES7411 DM-VPT - COLOUR AND MONO DICOM EMBEDDED PRINTER

### OVERVIEW

|                    |                                                                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Description        | The ES7411 DME is our most capable A4 DICOM imager. With High yield consumables, it can serve different modalities a X-ray, Ultrasound, PX |
| 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 – 64 to 250 gsm |
| Dimensions (HxWxD)        | 389 x 435 x546 mm  |
| Weight                    | 28kg               |

### 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          |
| Backup/Restore          | Possibility to save /restore all AET parameters                |

### AET DEPENDENT FEATURES

|                                           |                                                                                                                              |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| AET Name                                  | Possibility to save /restore all AET parameters                                                                              |
| 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 or select Logo                                                                     |
| Footer                                    | Edit the text on page bottom                                                                                                 |
| Contrast                                  | Add or remove contrast on the printouts                                                                                      |
| Brightness                                | Add or remove brightness on the printouts                                                                                    |
| Greyscale, 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 ES7411 to use or not adjustable Sharpen filter to print                                                              |
| Polarity                                  | Force image polarity inversion if needed                                                                                     |

### Print SCP AET Configuration

AET Name

Activate Max Dicom Log  
☐

Use US format paper  
☐

Printer Tray

Copy

Border Density

Empty Image Density

Replace Header by Logo  
☐

Header

Footer

Contrast

Brightness

Black gamma (0.01 to 2.90)

Cyan gamma (0.01 to 2.90)

Magenta gamma (0.01 to 2.90)

Yellow gamma (0.01 to 2.90)

Smoothing Filter

Smoothing Level

Polarity



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