Microtek MiDICOM Solution

Product Name	XT3500	XT5830 HS	ArtixScan DI 6240S
Scanner Type	Flatbed	Flatbed	Sheetfed
Image Sensor	CCD	CIS	CCD
Resolution	1200 x 2400 dpi	1200 dpi	600 dpi
Color Mode	Color / Grayscale / B&W	Color / Grayscale / B&W	Color / Grayscale / B&W
Light Source	LED	LED	LED
Scanning Area	8.5" x 11.7" (216 x 297 mm)	11.69" x 17" (297 x 431.8 mm)	8.5" x 118" (216 x 3000 mm)
Scanning Speed	1.5 sec. at 200 dpi, A4	3 sec. at 200 dpi, A3	40 ppm / 80 ipm at 300 dpi, A4
ADF Capacity	N/A	N/A	100 sheets of papers
Connectivity	USB 2.0	USB 2.0	USB 2.0
Dimensions (LxWxH)	17.5" x 11" x 3.54" (443.5 x 278.5 x 90 mm)	21.85" x 15.16" x 2.09" (555 x 385 x 53 mm)	7.08" x 12.60" x 7.87" (180 x 320 x 200 mm)
Weight	6.6 lbs. (3 kg)	8.4 lbs. (3.8 kg)	9.26 lbs (4.2 kg)
Platform	Windows	Windows	Windows

Specifications

- File Format :

  Input : TXT、DOC、XTL、PPT、PDF、BMP、JPG, etc.
  Output : DICOM 3.0
- Image Output Quality :

  Resolution : 100、150、200、300 dpi
  Color Mode : Color、Grayscale
- Certification : CE 0120、TFDA
- Equipment Connection Support :

  * Scanner / Digital Camera – ER / PE
  * Urodynamic Examination (MMSE) – GU / OB-GYN
  * Cardiac Catheterization – Cardiac surgery
  * Exercise Electrocardiographic / 24hs ECG – Cardiology Dept.
  * Mindset / Electromyograph – Neurology Dept.
  * Spirometer – Chest Dept.
  * Audio Acuity – Ear Dept.
  * Slit Lamp / Micro Perimeter / Fundus Angiography / Funduscopy / OCT – Ophthalmology

System Requirements

- Windows XP / Windows 7 (32-bit)
- Intel-Pentium IV at 1.5 GHz PC or higher with USB 2.0 port
- 512 RAM or above
- Enough hard disk space (for installing software and saving files)
- CD/DVD-ROM drive (for installing software)
- Color display with 24-bit color output capability or better

For more details on product, please contact your local Microtek sales or dealers.

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MICROTEK DICOM READY

Specifications, software bundles and accessories are subject to change without notice. Delivery of technical support services is subject to change without notice. Not responsible for typographical errors.

All Image Files are Sent to PACS

Fast and Easy to Use

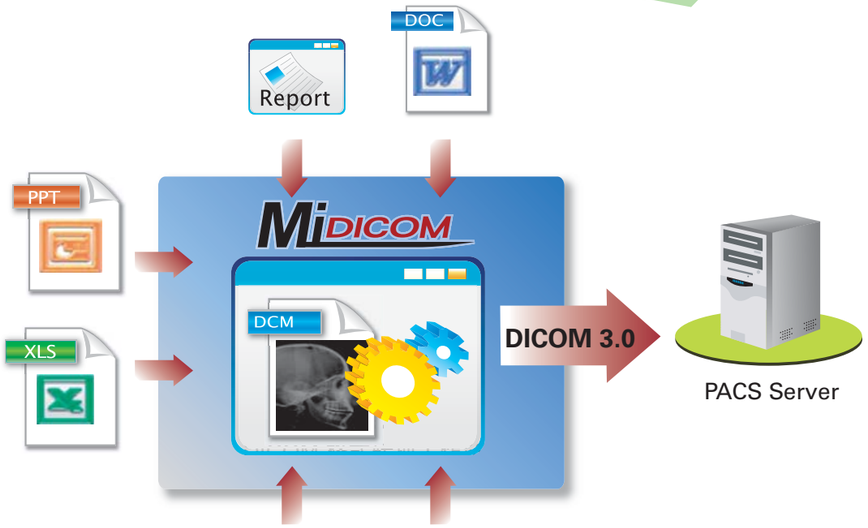
- Capable to transform any document and image files into DICOM format
- Capable to upload files to PACS and be integrated with existing RIS system perfectly
- Images can be saved, recorded and transferred and meets the DICOM 3.0 standard
- Capable to be connected with Worklist, bringing patients' information automatically or manually
- Newly added information can be integrated immediately with present medical records
- Files uploading and papers printing can be in progress synchronically
- Capable to be connected with scanners, cameras and medical devices and to transform captured images into DICOM files immediately

MICROTEK DICOM READY

MiDICOM - Smart Medical DICOM Engine

Microtek's MiDICOM is a smart and professional medical DICOM conversion engine, which combines Non-DICOM document files, such as Word, Excel, PowerPoint, PDF and JPEG with medical records, transforms them into medical image files meeting with the DICOM 3.0 standard and uploads them to the PACS server in a hospital. By using of DICOM viewer, the medical professionals can examine uploaded medical records from other departments or branches. Moreover, combined with HIS and RIS systems in a hospital, information can be integrated, exchanged and utilized in more effective ways, enhancing medical services progressively.

In addition, MiDICOM can be connected with Microtek's scanners, scanning and transforming paper documents into DICOM image format. Also, it can be connected with medical devices in a hospital, transforming captured images, data and charts into DICOM format, making communications with HIS, PACS or RIS, and becoming one part of medical information system. Or, users can print images out for other purposes.



DICOM Engine

Step 01 Open files

Step 02 Select " Print > MiDICOM"

Step 03
- Worklist or input patient info.
- Send to PACS

Scan to PACS Directly

Working together with Microtek's scanners, MiDICOM lets users easily convert any paper documents into DICOM format and then save them in the PACS server of a hospital, no need for other file converting processes.