

REDUCE FILM COSTS BY 90%

aycan xray-print

DICOM paper-print solution for sharing radiological images with referring physicians and patients



Hospitals and clinics are seeking inexpensive ways to produce non-diagnostic prints of sufficient quality that physicians can use for treatment planning and consultation with colleagues and patients—introducing aycan xray-print, the plain paper print solution that let's you easily and cost effectively print, share, review, annotate, and store high quality images.

Easy integration and simplified workflow

Compatible with PACS and modalities using the DICOM 3.0 standard, aycan xray-print fits seamlessly into existing workflows. Plus, there's no need for special training as aycan xray-print is operated just like a film printer. In fact, because you'll eliminate the special printing, handling, storage, transportation, and other infrastructure needed for film, you'll actually simplify your work process and that of your referring physicians.

Optimized for excellent image quality

aycan xray-print software receives DICOM images from a modality, and then prints them in color or black & white on an aycan certified printer. To achieve near film quality prints, the hardware and software have been optimized for medical imagery. You can further fine-tune print quality through the simple user interface. Features, such as Presentation Look-Up Tables (PLUT), can be easily accessed to set defaults and adjust image quality output settings such as brightness, gray scale, and contrast for each modality.

Extraordinary savings

From start to finish, working with film is expensive and labor intensive. Replace film with paper and you can share images with minimal expense, eliminate the need and cost for special processing, handling and storage, and reduce labor costs associated with tracking, filing and transporting film. You'll also save on compliance and other environmental costs associated with using chemical-based film, as well as minimizing the impact on the environment

Print images for less than 15¢. Reduce costs by 90%

	Prints/Month	Cost Each	Cost/Month	Cost/Year
Film	3,500	\$ 1.50	\$ 5,250	\$ 63,000
aycan xray-print	3,500	\$ 0.15	\$ 525	\$ 6,300
SAVINGS with aycan			\$ 4,725	\$ 56,700

Key applications

aycan xray-print lets you print radiological and other medical images on plain paper at near film quality. It's ideal for anyone who wants to easily and cost effectively share radiological and other medical images with referring physicians and patients, and annotate and store them in patient files.

Key features

aycan xray-print's hardware and software are optimized for medical purposes and maintaining a stable, secure system that produces superb quality prints. Key features include:

- » Customer logo on prints
- » DICOM 3.0 compatible
- » DICOM Print Service Class SCP (Basic Grayscale/Color)
- » LINUX operating system
- » Glossy Print (optional with special driver and printer)
- » Gray Scale Standard Display Function (GSDF) DICOM calibration (optional)
- » Individual modality configurations
- » Postscript optimization
- » Presentation LUT (DICOM) for each modality connected
- » Printer color correction capabilities
- » Real-time output preview
- » Remote maintenance
- » 20-minute system recovery

Key benefits

aycan xray-print's point and click technology, combined with superb image quality and low cost, make it the ideal solution for printing, annotating, sharing, and storing radiological images with key benefits that include:

- » Reduce film costs by 90%
- » Near film quality prints for non-diagnostic use
- » Improved communication with referring physicians and patients
- » Simplified workflow
- » Reduced environmental impact
- » Higher acceptance than CDs among referring physicians
- » No learning curve

Reliability you can count on

Since its introduction in 1996, aycan xray-print has been a leader in DICOM paper printing with over 2,000 customers worldwide. This proven technology, combined with aycan's industry leading, immediate, live customer service and support, is reliability you can count on for maximum uptime and quality.

Environmentally safe

Because aycan xray-print reduces the need for chemical-based film processing and equipment, and because the aycan prints can be shredded and recycled, it will positively impact the environmental aspects of your daily operations.

Immediate, live, customer service and support

As part of our commitment to achieving 100% customer satisfaction, aycan offers customers immediate live remote service and support. A dedicated and qualified technical team is there to help resolve any issues that may arise with an aycan solution. This includes working with other third party vendors as necessary.

Connectivity

- » DICOM 3.0 basic Grayscale/Color print Service Class Provider (SCP)
- » DICOM 3.0 presentation LUT SCP
- » DICOM 3.0 Grayscale standard display function (optional)
- » TCP/IP

Hardware specifications

- » 2.4 GHz Dual Core Processor
- » 4 GB RAM recommended
- » 100 Mbit Ethernet network card
- » CD-ROM drive (Bootable BIOS)
- » Two free USB ports
- » IDE or S-ATA hard disk
- » Min. SVGA graphic card
- » PS/2 or USB keyboard and mouse
- » Monitor

Installation requirements

- » Network standard: 10/100 Mbit Ethernet twisted pair
- » Two network connection points near the aycan print server and the aycan certified printer
- » 2 static IP addresses (one for the aycan print Server and one for the aycan certified printer)
- » Remote access to the aycan print Server by VPN (IPsec compliant VPN concentrator with NAT transparent tunneling by TCP or UDP)

FDA certification

aycan print is certified as a medical image communication device (class 1 Exempt, Sec. 892.2020)

About aycan

With a focus on vendor neutral integration and service, aycan is a worldwide provider of solutions for archiving, viewing and printing medical images and information that improve workflow efficiency and drive down costs.

Learn more at www.aycan.com

aycan xray-print is a registered trademark of aycan Medical Systems, LLC

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