

PACS-1M™

YOUR ENTRY INTO AN INTEGRATED PACS ENVIRONMENT.™

PACS-1M Makes Your CR or DR Purchase Complete

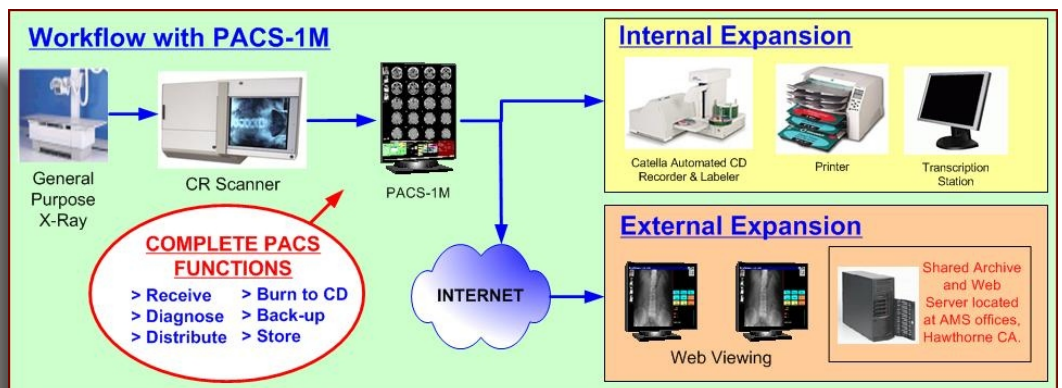


With your CR or DR purchase you have taken the first step towards your “all digital” future. You can produce filmless images and apply the necessary algorithms to enhance the image for the specific area of the body.

Now the question is, how will you store, distribute, diagnose and share radiographic images with patients and referring professionals in an organized and cost-effective manner? Your choices are limited when it comes to a real PACS solution: you need a solution that is DICOM compliant, provides a full diagnostic grade workstation and provides a truly redundant image archive and back-up system. And you want a solution that is based on true enterprise level PACS software that has been used for years in a wide variety of institutions.

The Answer is PACS-1M, the Single Modality PACS from AMS PACS-1M is a true single modality PACS and image display solution. PACS (Picture Archive and Communication System) is the universal medical term for the digital network and equipment necessary to make digital imaging work. It is based on the international standard of DICOM. This means that if you select solutions that use this standard, you will not be locked into one vendor's solution as your practice grows or changes. You remain in control. PACS-1M takes all the key elements of large medical PACS solutions and packages them in the right size for practices with only one digital modality. More important, as your needs

grow, we provide a line of upwardly compatible solutions in our Prince™, Midas™ and Catella™ PACS network systems.



800-423-3535
www.digitalams.com

PACS-1M's Key Features:

➤ **Workstation** A diagnostic quality workstation for your interpretation work. Our workstation software includes the imaging tools you need to get the most out of your images (window, level, zoom, pan, annotation, measure length, angle, invert, rotate and more). Special tools such as MPR, spine and veterinary labeling are also available as options.

➤ **Image Gateway** - The central point for the receipt and distribution of all of your digital images. You connect your CR or DR device directly to PACS-1M. Add the optional LAN licenses for other internal image routing.

➤ **Archive** - A safe method for storing images. PACS-1M can hold the equivalent of approximately 10,000 14"x17" sheets of x-ray film. That's years of storage for the typical small practice.

➤ **Backup** - A method of backing up the same images that are stored in the on-line hard drive. PACS-1M is delivered with a special DVD backup system that reminds you when back-up must be done.

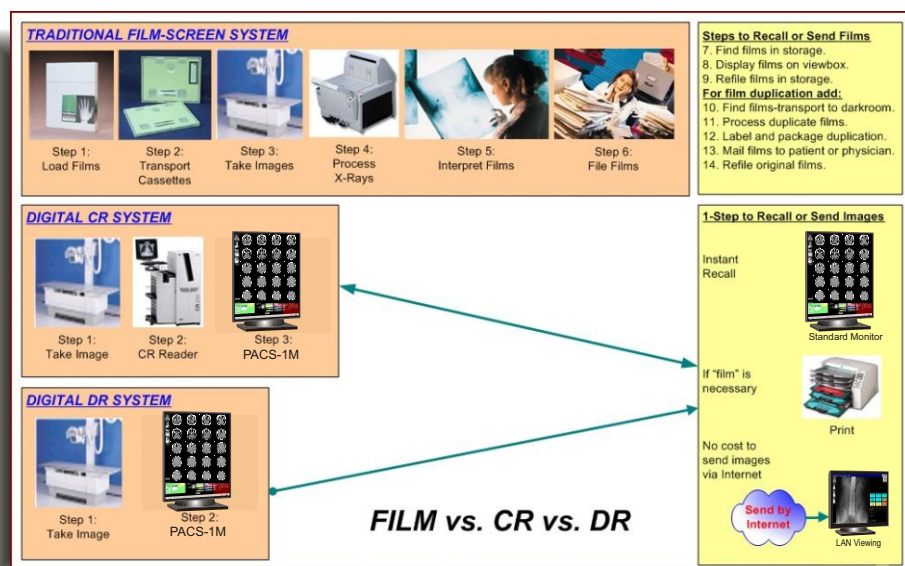
➤ **CD Burning** - A method to create CD's with patients' images for distribution to patients or other medical professionals. These CD's have an advanced viewing program that self-starts when the CD is inserted into a Windows based PC.

➤ **Communications** - Optional licenses can be purchased for remote viewing within your facility (LAN). This allows you to use inexpensive PC's or WIFI-enabled tablet PC's to display images in your patient exam rooms. Web viewing solutions are also available as your needs grow.

ITEM	PACS-1M
MONOCHROME MONITOR(S)	
2MP 1200 X 1600	O
COLOR MONITOR(S)	
1024 X 768	O
1280 X 1024	O
2MP 1200 X 1600	S
GENERAL FEATURES	
KEYBOARD	S
MOUSE	S
PUSH IMAGES TO LOCATION	S
DICOM PRINT	O
POSTSCRIPT PRINT	O
MANUAL CD BURN	S
ARCHIVE SIZE	10,000 IMAGES
ARCHIVE TYPE	IDE
SERIES SOFTWARE - V 4.0	USER SELECT
FILM SOFTWARE - V 3.0	USER SELECT
MPR	O
DVD REMOVABLE BACKUP	S
GATEWAY/ROUTER	O
LAN LICENSES	O
WEB LICENSES	O
HARDWARE WARRANTY	1 YEAR
TELEPHONE SUPPORT	60 DAYS

"S" indicates a standard feature. "O" indicates an optional upgrade.

FILM vs. CR vs. DR



PACS-1M works with CR and DR.

CR - Computed Radiography systems replace the film, intensifying screen, and cassette used in traditional x-ray systems with an imaging plate. To use a CR system, you just use the digital imaging plate instead of your cassettes. There is no need to purchase a new x-ray machine.

DR - In Direct Radiography, the conventional radiographic cassette and film are replaced with a digital imaging sensor. This imaging sensor is either permanently affixed to an x-ray table or attached to the DR computer by a wire. DR systems are particularly applicable to tables and bucky installations and produce images in as little as six seconds.



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