



Connect your non-DICOM modalities to the PACS network.

## Add network connectivity to non-DICOM digital modalities providing digital laser output.

The DiCOM box DVI provides “off the shelf” DICOM connectivity for a variety of network applications. The DVI captures images from native digital laser formats including M952, P831, KCL and SPCI for conversion into DICOM and transfer over Ethernet. The DVI system offers complete OCR support to recognize patient name, ID and accession number from image data. The DVI is ideal for creating flexible and

scalable print networks and integrating digital modalities to PACS, teleradiology networks, and RIS interface via Modality Worklist. An optional Remote Control device is available for even more flexible operator control.

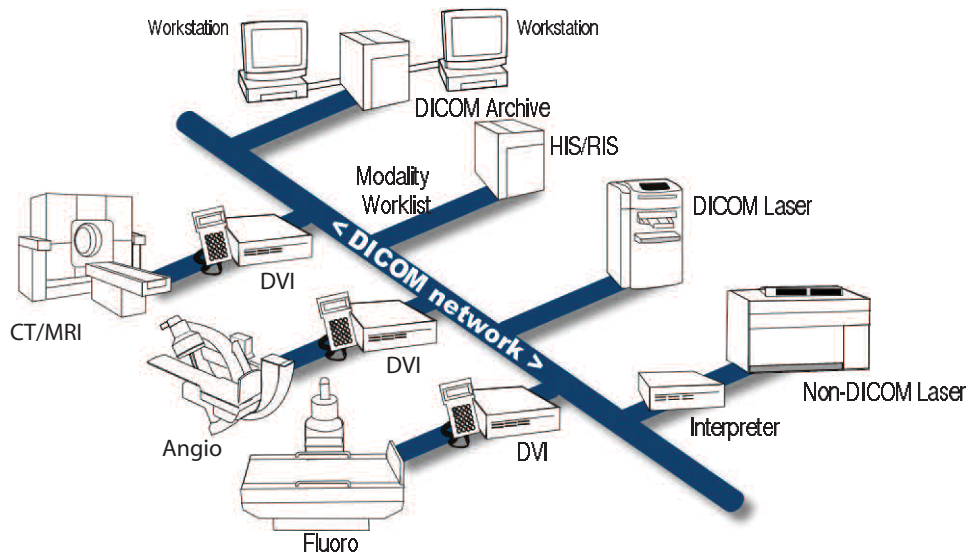
**(800) 635-6779**

[www.datadistributing.com](http://www.datadistributing.com)

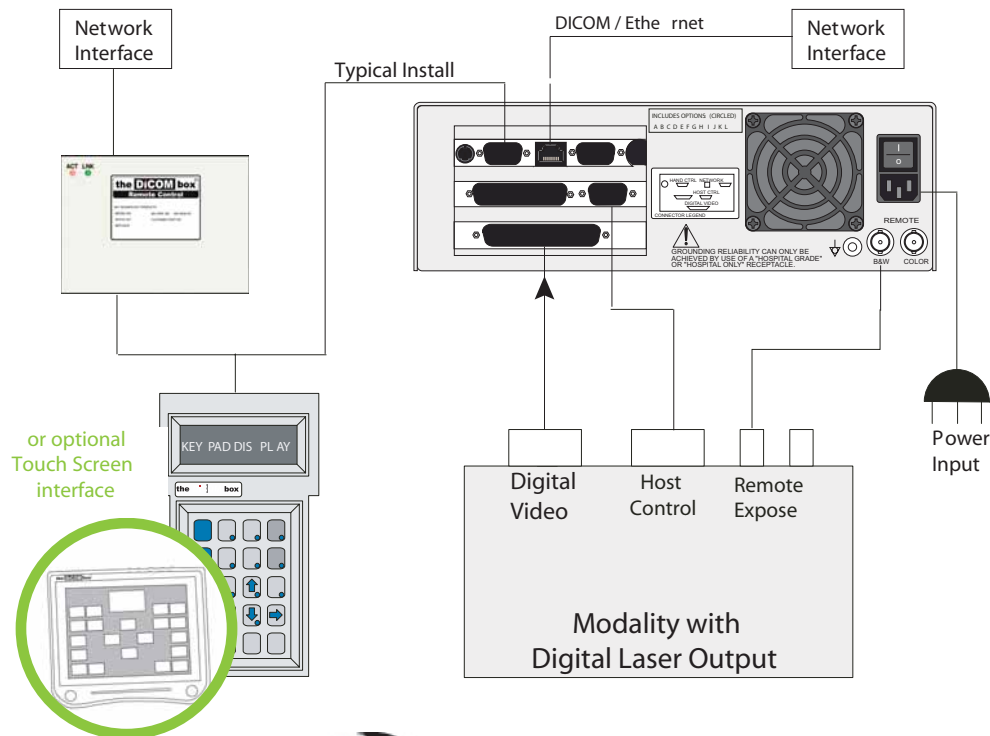
## Features:

- Configurable DICOM Services
  - DICOM Print
  - DICOM Store
  - Modality Worklist
  - Modality Performed Procedure Step (MPPS)
  - Storage Commitment
- Optional TouchScreen Interface
- Control image capture directly from modality operator console via Host Cont.
- Host Control interface for 952, 831, SPCI, KCL laser output from the host modality
- Multiple Print Destinations
- Simultaneous transf. to 2 storage class SCP
- Redundant Image Backup
- OCR Optical Character Recognition
- Auto filming transfer to the network
- Software and option upgradability in field
- Remote administration via telnet & FTP

**the DiCOM box®**  
DVI - Digital to DICOM



Optional Remote Control Install - refer to Remote Control Data Sheet



## Specifications

- DICOM Service Classes (configurable)  
DICOM Print  
DICOM Store  
Modality Worklist  
MPPS  
Storage Commitment
- Standard Laser Host Control Formats  
M952  
P831  
SPCI  
KCL
- Image Acquisition  
Digital Image Format Up to 4K x 5K  
Interface Clock Speed Up to 2 MHz  
8 bit monochrome  
Configurable 12-bit output
- Internal Storage  
2.2GB or greater Hard Drive
- Network  
Ethernet 10/100 base T - selectable
- Connectors  
Digital Data Input: High Density DB37, Female  
Network: 8 pin modular jack (RJ45)  
Operator Interface Keypad: DB9, Male pins  
Host Control Input: DB9  
Remote Capture Input: BNC, Female pins
- Power Input  
115-230 Volts, ±15% 47-63 Hz, 120 VA
- Physical Characteristics  
Module  
Height: 3.25 inches, (8.25 cm)  
Width: 10.125 inches, (25.72 cm)  
Depth: 14.125 inches, (35.88 cm)  
Weight: 8 pounds, (3.68 kg)  
Keypad  
Height: 7.15 inches (18.16 cm)  
Width: 4.10 inches (10.41 cm)  
Depth: 0.95 inches (2.41 cm)  
Weight: 8 ounces, (227g)
- Environmental Operating  
Temperature: +50°F to +104°F, (+10°C +40°C)  
Barometric Pressure: 700 hPa to 1060 hPa  
Relative Humidity: 5% to 80% non-condensing
- Transit  
Temperature: +14°F to +122°F (-10°C to +50°C)  
Relative Humidity: 5% to 85% non-condensing
- Clearance Requirements  
3 inches (7.6cm) for rear panel cable connection  
Do not obstruct ventilation airflow at front and rear of module
- Classification  
IEC601 Class I,  
Type B ordinary equipment, continuous operation
- Agency Approvals  
UL60601-1; CAN/CSA C22.2 NO. 601.1-M90  
EN 60601-1-2 Class B Group 1  
FCC part 15



**Data Distributing LLC**

Building Solutions. Building Success. Digital that Fits!

107 Dakota Avenue • Santa Cruz, CA 95060

(800) 635-6779 • (831) 457-3537

www.datadistributing.com • info@datadistributing.com