NAI TechProducts
A McDONOUGH MEDICAL COMPANY

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 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.*

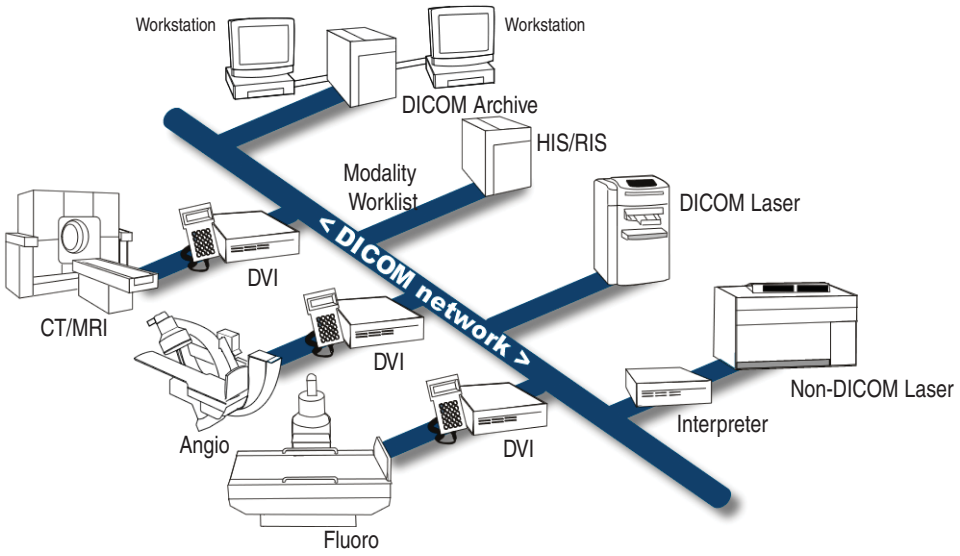
Online user tutorial is now available at www.dicombox.com. For additional information, contact NAI Tech Products Toll Free at 866-342-6629, or 530-887-1008.

** See Remote Control data sheet for details*

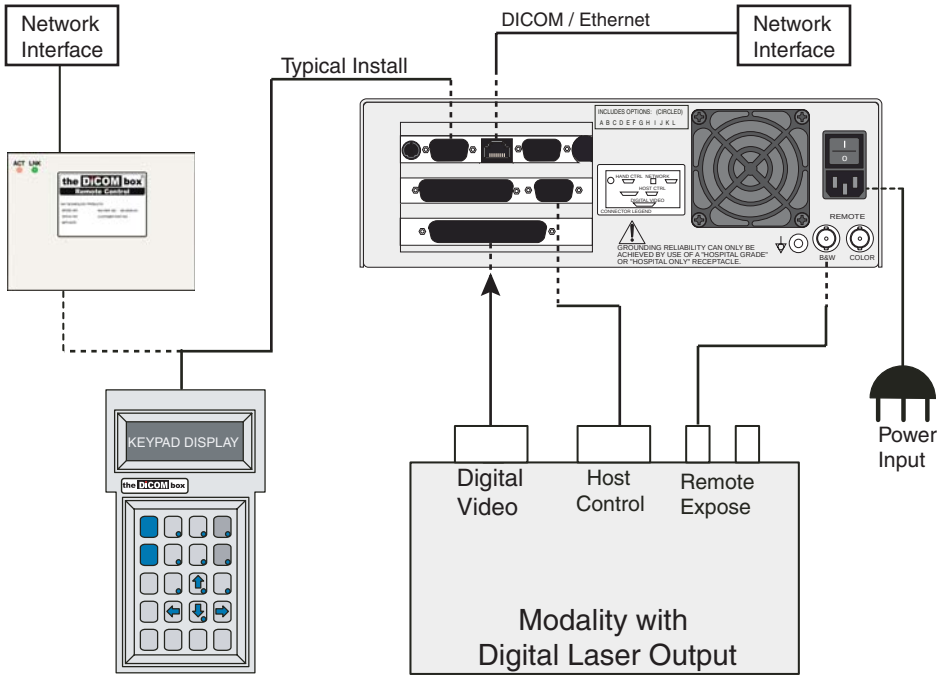
Features:

- DICOM Print
- DICOM Store
- Modality Performed Procedure Step (MPPS)
- DICOM Storage Commitment
- DICOM Modality Worklist
- Control image capture directly from modality operator console via Host Control
- Host Control interface for 952, 831, SPCI and KCL laser output from the host modality
- Multiple Print Destinations
- Simultaneous transfer to 2 storage class SCP
- Redundant Image Backup
- OCR Optical Character Recognition
- Auto filming transfer to the network
- Software and option upgradability in the 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**
  DICOM Print
  Optional DICOM Store
  Optional DICOM Modality Worklist
  Optional DICOM MPPS
  Optional DICOM Storage Commitment
- **Standard Laser Host Control Formats**
  M952
  P831
  SPCI
  KCL
- **Video Acquisition**
  Digital Image Format Up to 4K x 5K
  Interface Clock Speed Up to 2 MHz
  8 bit monochrome
- **Internal Storage**
  2.2GB or greater Hard Drive
- **Network**
  Ethernet 10/100 base T - selectable
- **Connectors**
  Digital Data Input: High Density DB37, Female pins
  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

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