



Connect your current imaging equipment to the DICOM network.

the DiCOM box[®] DVI

Convert digital laser format to DICOM

Add network connectivity to existing host modalities providing digital laser output with *the DiCOM box DVI*. This "off the shelf" system provides an economical solution to connectivity for a variety of network applications via the DICOM 3.0 standard. The *DVI* captures images from native digital laser format for conversion into DICOM and transfer over the Ethernet. The *DVI* system offers complete OCR support to

recognize patient name, ID and accession number from image data, and is ideal for creating flexible and scalable print networks and integrating digital modalities to PACS, teleradiology networks and RIS interface via DICOM Worklist.

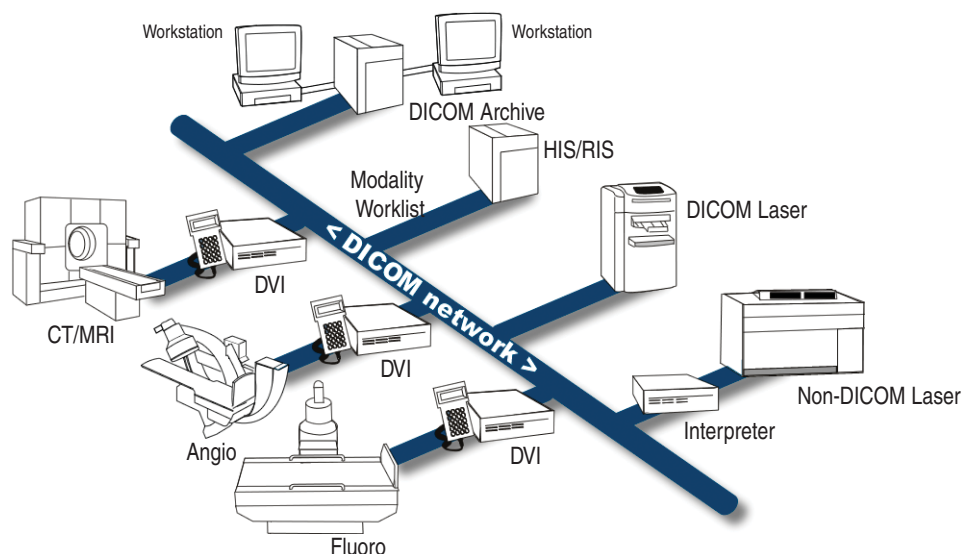
For additional information, contact NAI Tech Products Toll Free at 866-342-6629, or 530-887-1008.

Features:

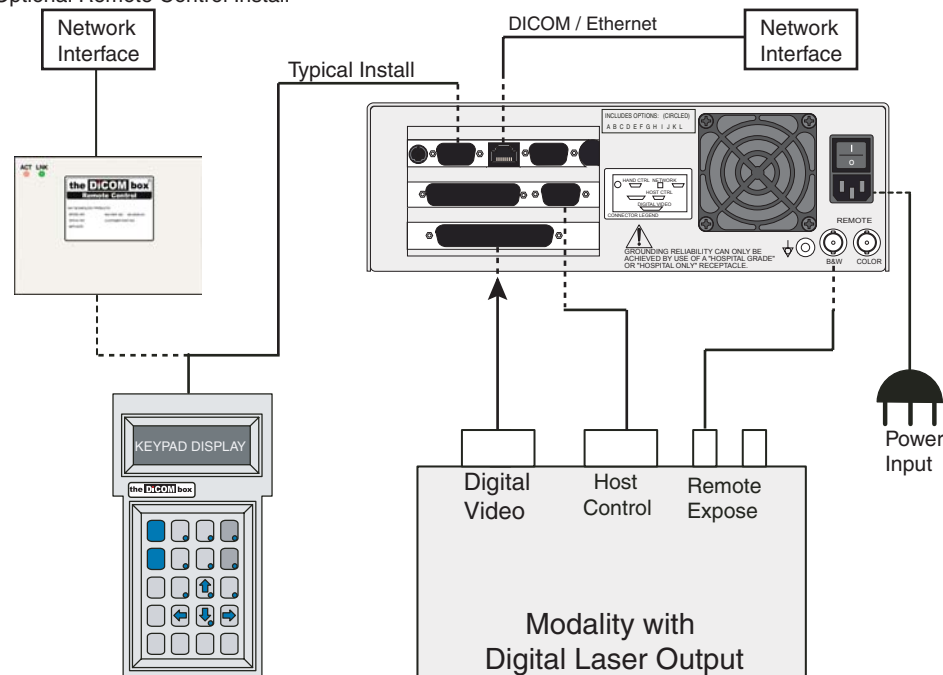
- DICOM Print
- DICOM Store
- DICOM Worklist
- DICOM Modality Performed Procedure Step (MPPS)
- DICOM Storage Commitment
- Up to 12 bit digital to DICOM conversion
- Supports simultaneous transfer to 2 storage class SCP
- Control image capture directly from modality operator console via Host Control
- Conversion from 952, 831, SPCI and KCL laser output from the host modality
- Multiple Print Destinations
- Host Control interface
- Redundant Image Backup
- OCR Optical Character Recognition
- Auto filming transfer to the network
- Supports FTP and Telnet for remote administration
- Software and option upgradability in the field

the DiCOM box®

DVI - Digital to DICOM



Optional Remote Control Install



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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
 - Optional 12 bit monochrome
- Internal Storage**
 - 2.2GB or greater Hard Drive
- Network**
 - Ethernet 10/100 base T - selectable
- Connectors**
 - Digital Video 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**
 - UL 2601-1; IEC601-1; IEC601-1-2
 - CSA601.1
 - FCC part 15