

# DICOM box<sup>®</sup> DVI



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

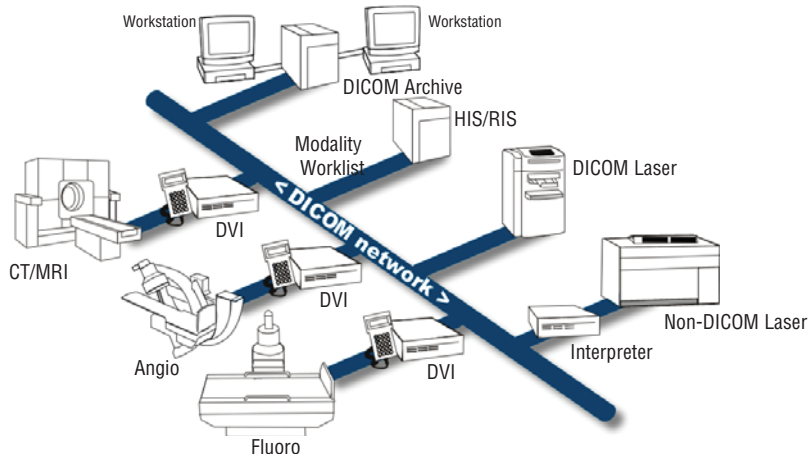
The DICOM box<sup>®</sup> DVI provides “off the shelf” DICOM connectivity for a variety of network applications. The DVI captures images from native digital laser formats including M952, P831, SPCI and KCL for conversion into DICOM and transfer over Ethernet. The DVI system offers complete OCR support 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.\*

## Connect your non-DICOM modalities to PACS

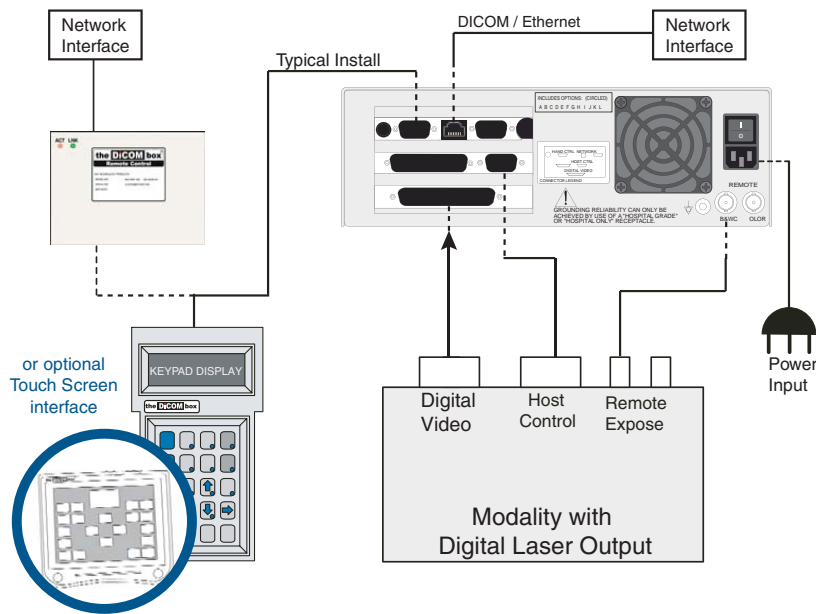
### Features:

- ⚙️ Configurable DICOM Services:
  - DICOM Print
  - DICOM Store
  - Modality Worklist
  - Modality Performed Procedure Step (MPPS)
  - Storage Commitment
- ⚙️ Optional Touch Screen Interface
- ⚙️ 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

\*See Remote Control data sheet for details



Optional Remote Control Install - refer to Remote Control Data Sheet



**Get Started**

For more information about **DICOM box DVI**, contact us at +1 925 846 9600 or email [getstarted@pacsgear.com](mailto:getstarted@pacsgear.com).

**Specifications**

**DICOM Service Classes (configurable)**

- DICOM Print
- DICOM Store
- Modality Worklist
- Modality Performed Procedure Step
- 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

**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 VAC, ±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 to +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**

- IEC 60601 Class I, Type B
- EN 60601-1-2 Class B, Group 1
- IEC 60529, IP 21

**Agency Approvals**

- UL 60601-1 (1st Edition)
- EN 60601-1-2; CISPR 11Bt
- CAN/CSA C22.2 No 601.1-M90

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