



Connect your non-DICOM modalities to the PACS network.

“Maximize your filming resources”

Increase productivity and utility of existing filming resources with this economical connectivity solution. *The DiCOM box Interpreter* provides connectivity for non-DICOM printers and lasers, and is ideal for point-to-point configurations or for tying existing lasers to PACS and teleradiology networks.

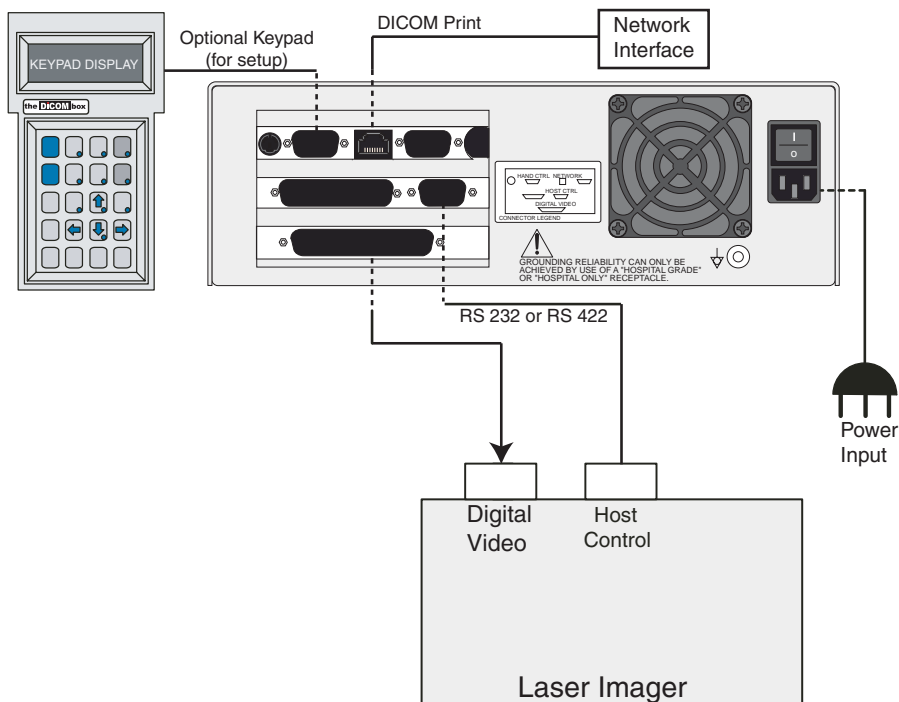
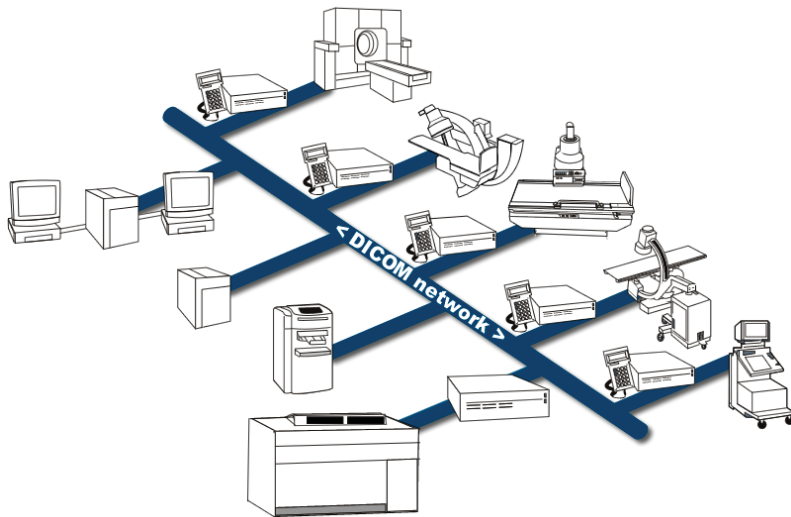
The *Interpreter* provides connectivity for any number of DICOM modalities and up to six active network associations, allowing six devices to simultaneously share a single laser resource.

Features:

- DICOM Print - grayscale Meta SOP Class
- 8 to 12 bit DICOM Print data input
- 8 bit output in digital laser format
- Optional 12 bit output available
- Accepts 1 to 6 active network associations
- Multi-tasking print spooling by film session
- Multiple host control formats accepted; 952, 831, KCL, SPCI, ELK
- Translation of DICOM printer commands to digital laser format when supported
- Combine with the DICOM box® CA, CA+ and DVI for complete network solution
- Print settings are configurable by individual AE title allowing maximum control of image quality
- Optional keypad for set-up and administration
- Supports FTP and Telnet for remote administration
- Software and option upgradability in the field

the DiCOM box®

Interpreter - Print Spooler



Specifications

- **DICOM Service Classes**
DICOM Print
- **Standard Laser Host Control Formats**
M952
P831
SPCI
KCL
ELK
- **DICOM Print Image Format**
8-12 Bit Dicom Print Input to
8 Bit Laser Imager Output
Optional 12 Bit Laser Imager Output
- **Internal Storage**
2.2GB or greater Hard Drive
- **Network**
Ethernet 10/100 base T - selectable
- **Connectors**
Digital Video Input: DB37, Female pins
Network: 8 pin modular jack (RJ45)
Operator Interface Keypad: DB9, Male pins
Host Control Input: DB9
- **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 (Optional) - used for system setup
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**
EN60601-1-2, Class B, Group 1
- **Agency Approvals**
UL60601-1
CAN/CSA C22.2 No. 601.1-M90
FCC Part 15