



Add network connectivity to virtually any video-based imaging system. The DiCOM box CA Video to DICOM solution provides “off the shelf” connectivity for a variety of network applications such as Print and Archive Servers via the DICOM 3.0 standard. Ideal for creating flexible and scalable print networks or tying various modalities into PACS, teleradiology networks and RIS interface via Modality Worklist.

Features

- DICOM Print, DICOM Store
- Modality Worklist
- Modality Performed Procedure Step (MPPS)
- Storage Commitment
- Multi-Modality compatible with over 250 models
- Host video rates up to 20MHz pixel rate
- High line rate configurations available
- Interlaced or non-interlaced video input



Specifications

DiCOM Service Classes

DiCOM Print
Optional DiCOM Store
Optional DiCOM Modality Worklist
Optional DiCOM MPPS
Optional DiCOM Storage Commitment

Video Input (Terminated, 75 ohms)

Monochrome composite video into Green input
Red, Green, Blue (RGB) and composite sync (Can be configured for sync on Green and separate sync)
Nominal 525/625 lines 30/25 fps
Interlaced or non-interlaced
Pixel Clock Minimum: 7 MHz
Pixel Clock Max: 20 MHz / Low Line Rate
150 MHz High Rate

Video Acquisition

Up to 768 x 580, 20Mhz, 8 bit
Single Frame Color Capture
24 bit color (16,777,216 colors)

Internal Storage Network Connectors

2.2GB or greater Hard Drive
Ethernet 10/100 base T - selectable
Video I/O High Density DB15, Female pins
Network: 8 pin modular jack (RJ45)
Operator Interface Keypad; DB9, Male pins
Host Control Input: DB9, Male pins
Remote Capture Input: BNC, Female pins

Power Input Module

115-230 Volts, +/- 15% 47-63 Hz, 120 VA
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