



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

