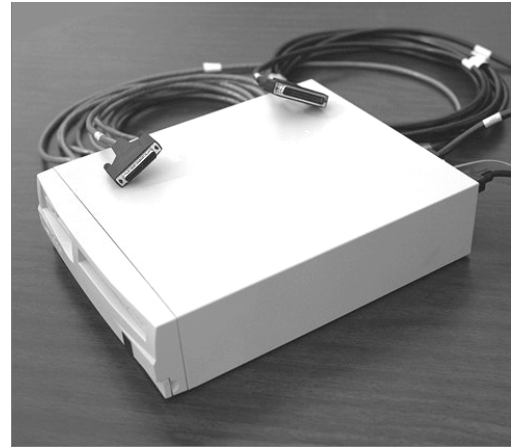


DP1 BRIDGE DICOM Protocol Converter

- **Extend Useful Life of Laser Printers**
- **Share Laser Printers Among Image Sources**
- **Provide Queue Management**
- **Add Value to Used Equipment**
- **Gain Placement Flexibility**
- **At a Great Price**



Description

Plexar's DP1 Bridge is a cost-effective and reliable solution for connecting DICOM compatible image sources to a non-DICOM compatible laser printer.

DP1 Bridge consists of a self-contained processor connected between an Ethernet network and a laser printer digital port. Customizing software allows the user to configure the DP1 Bridge to match the Ethernet and the laser printer during start-up. Ethernet connections use an RJ-45 connector.

DP1 Bridge extends the capability of the network by providing queue management using internal disk storage. DP1 Bridge is small and light so it may be located on a shelf or other convenient place.

The heart of DP1 Bridge has been field proven through five years' of use by leading OEM's in hundreds of installations.

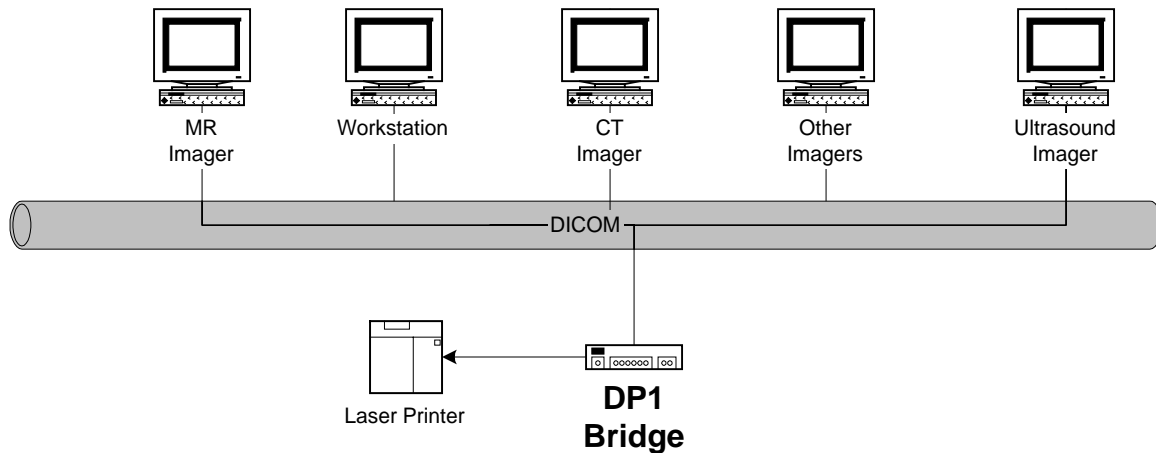
Applications

- Use with CT, MRI, Ultrasound and other DICOM compatible image sources on an Ethernet communications network.
- Enables non-DICOM compatible laser printers to operate with DICOM compatible image sources.
- Allows several image sources to share a single laser printer.
- Provides queue management for multiple image sources.
- Eliminates lengthy and expensive cables.
- Provides flexibility of placement.
- Extends useful life of printers

DP1 Bridge

DICOM Protocol Converter

Product Description



Description

Consists of a self-contained processor having a 3-1/2 inch floppy disk drive, set-up disk, and power cord.

Applications

Converts image data from many DICOM compatible sources on an Ethernet network to a non-DICOM compatible laser printer.

Performance

Image output is 300K pixels/second (2.5 seconds/512 image)
Ethernet 10/100 Base T with auto-sensing

Inputs

DICOM commands and image data via Ethernet

Output

P831 format commands via RS-232 serial connection
Image data via RS-422 parallel connection.

Studies are buffered to hard disk and queued for printing when the printer is available.

Connectors

RJ-45 (Ethernet); DB-25 (Serial); DB-37 (Parallel), Phone Line (modem support)

Set-Up

Parameters are programmed via a configuration file on the set-up disk using a PC. Parameters include:

- Ethernet parameters
- Serial port parameters
- Camera Settings

Input Power: 120 VAC

Dimensions

11 in w. x 3-1/2 in h. x 14 in d.
28 cm w. x 9 cm h. x 36 cm d.
Add 2 in. (5 cm) for cables

Options

Protocols other than P-831
240 VAC

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