

# PrintLink III Specifications

## 1. Concept of the product

- 1) Compact Design
  - Main Body , Controller and I/F Board become smaller.
- 2) Advanced display monitor for controller
  - Color LCD monitor
- 3) Additional Function(Storage)
  - Enable to print Patient information to the bottom of the CT / MRI output films
- 4) Pb free
  - I/F board is Pb free



Main\_Body



Color LCD Keypad

## 2. Products Models

**PrintLink III ID – Digital :** Captures the digital image from the diagnostic device and outputs in the network.

**PrintLink III IV – Video:** Captures the video image from the diagnostic device and outputs in the network.

- PrintLink II ID,IV will be discontinued. From August production, PrintLink II will switch to PrintLink III.
- PrintLink II HG, DV, IN, OD, will not be discontinued.

## 3. Hardware Specifications

- 1) CPU: Celeron 2.0GHz
- 2) Memory : 512MB
- 3) OS : WindowsXP Embedded(English)
- 4) Motherboard : PCS Bus with 2 Standard Size slot and 1 Low Profile Size)
- 5) HDD : 40 GB
- 6) Interface
  - \_ RS232C 9P x 2 for Controller and UPS
  - \_ RS232C 25P x1 for Host Control

- \_ Ethernet x 1 : 10/100/1000baseTX
- \_ USB 2.0 x 4 for a magnetic card reader(The card reader is available only in Japan)

#### 4. Modality Interface

- 1) PrintLink III ID(Digital)
  - \_ RS422 Digital Parallel interface
  - \_ Pixel depth: 8 bits or 12 bits
  - \_ Frame Memory : 2 frame, 1MB
  - \_ Maximum pixel clock: 2MB/sec
- 2) PrintLink III IV(Video)
  - \_ Video Interface
  - \_ Pixel Clock: maximum 60MHz
  - \_ Frame Memory: 1 frame, 2 MB

#### 5. Keypad

Colored LCD with Touch Screen

*\* Host control is NOT integrated in the keypad. The host control interface board, which is installed in the PCI bus by a FSE, will be supplied as option.*

#### 6. Output

DICOM Print/DICOM Storage

Maximum output: 9 DICOM outputs (1 Print and 8 Storage)

#### 7. Options

##### 1) Host Control

- Host Control Interface Board(Need a separate license for MP Protocol)
  - \* In case of PrintLink II, the host control board is not option. Because the keypad includes the interface board of the host control.
- The board is installed into a PCI bus at the site by FSE.
  - \_ PrintLink III Host Control I/F 232C
  - \_ PrintLink III Host Control I/F 422
  - \_ PrintLink III MP Host Control I/F 232C
  - \_ PrintLink III MP Host Control I/F 422
- List of Host Control Software which is as same as Printlink II  
Toshiba, X-Tension, Hitachi, Shimadzu, Yokokawa, Siemens, Konica, MP(3M Protocols), DAR2400
- Cables and Connectors  
Pin assignments are as same as PrintLink II.

#### 8. Others

- 1) Outer dimension: 100 (4in.) (W) x 365mm (14.4in.) (D) x 330mm (13.0in.)(H)
- 2) Weight: Approx. 10 kg (22lbs)
- 3) Power source: 120V AC $\pm$ 10%, 50/60Hz $\pm$ 1Hz
- 4) Consumption power: Approx. 100W
- 5) Operating condition (no condensation)