



## **LINX PAXPORT®**

Compact Acquisition Device

- User-friendly user interface with easy to-use keypad
- Superior network connectivity
- Multi-lingual support

> **AVAILABLE IN TWO STANDARD CONFIGURATIONS (VIDEO OR DIGITAL), LINX PAXPORT CONNECTS A NON-DICOM MODALITY TO A DICOM OR APIP ETHERNET NETWORK AT UP TO 100 MBIT/SEC.**

> **LINX PAXPORT ASSURES COMPATIBILITY, ECONOMY, IMPROVED THROUGHPUT, RELIABLE EFFICIENCY AND SPEED.**

### *The new generation*

The LINX Paxport ushers in a new generation of Agfa medical acquisition devices. Designed as a decentralized compact unit for one interface, LINX Paxport links a single modality that lacks DICOM output to a DICOM (or APIP) network. Making use of the latest RISC (Reduced Instruction Set Computer) processor architecture, it has the power to cope with current and future requirements. The investment involved is minimal.

# ***LINX PAXPORT***

## ***Standard configurations***

There are two standard configurations available:

- a LINX Paxport video equipped with a video interface (VSI) for point-to-point connection to a modality with a video interface (frequencies up to 200 MHz) to the outside world;
- a LINX Paxport digital equipped with a digital interface (MFRI) for point-to-point connection with a modality with a digital interface to the outside world.

## ***LINX Paxport for economies***

LINX Paxport represents a low-cost but powerful solution for connecting a single modality to the hospital network. Economies are also achieved in reduced requirements for expensive cabling. The single input concept allows for decentralized installation close to the modality and therefore avoiding expensive fiber optic transmitters, - receivers, fiber optic cables and the installation of it all.

## ***LINX Paxport for efficiency***

Use of LINX Paxport can translate into increased departmental efficiency, too. LINX Paxport can support DICOM Worklist. This makes it possible for the doctor or technician using the modality to select a patient from a list of registered patients. All demographic data relating to that patient is then automatically extracted out of the worklist and incorporated into the DICOM folder together with the medical images the modality generates, before the DICOM folder is sent via the network. The cutting out of time spent manually reentering demographic data results in improved patient throughput and less mistakes.

### **LINX Paxport for flexibility**

Finally, LINX Paxport is designed for flexibility in a number of respects. In terms of its output, it supports DICOM PMS, DICOM Store and APIP, and it is equipped with a fast Ethernet connection of up to 100 Mbits/sec. (It can also work on a 10 Mbits/sec standard Ethernet.) Its modest dimensions make it suitable for use in mobile applications, and it may be installed on a tabletop, fixed to the wall, or on the floor.

### **LINX Paxport for ease of use**

LINX Paxport is equipped with a small and easy to use keypad with a minimal number of keys. Two big acquisition keys, one for color and one for black and white image acquisitions. The acquisition keys have a back-light symbol and a different surface texture for easy recognition in dim examination rooms. The keypad also has a back-light high-resolution display for multi-lingual operator messages (including Asian characters). In addition to the manual acquisition, LINX Paxport also supports control from the modality console (host control). The supported protocols are: MMM, AMDI, SPCI, TCT (TOSHIBA).

### **LINX Paxport for HIPAA compliance**

LINX Paxport's integrated HIPAA tool facilitates your compliance with the Health Insurance Portability and Accountability Act (HIPAA). It provides a simple electronic transfer for healthcare data, while protecting the privacy and confidentiality of sensitive information during storage and transmission. The PAXPORT HIPAA tool (EMQQM) is optional, requires a software license and is managed by the customer's System Security Manager.

### **Optional features**

There are a number of LINX Paxport optional hardware extras. A gun type bar-code reader can be used, backed by supporting software for identifying patients and studies. Other hardware extras include a tower mounting kit, a set of two footswitches and a set of two miniature hand switches. Software extras include DICOM Store, Worklist support, DICOM Print SCU and full IHE functionality.

## **TECHNICAL SPECIFICATIONS**

### **Technical data**

- Processor: RISC processor
- Memory: 64 MB RAM
- Hard disk: 18 GB
- Network output: 100 Mbits fast Ethernet output
- Ethernet: 10 Base T, 10 Base 2, 100 Base T (autodetection)

### **Dimensions**

- H x W x D: 40 x 11.5 x 41 cm (15.8 x 4.5 x 16 in)

### **Weight**

- 7 kg (15.4 lbs)

### **Power requirements**

- Power source required: 90 V - 135 V / 190 V - 264 V / 50 - 60 Hz selectable from an external switch
- Power consumption: 265 W max.

### **Environmental conditions (in operation)**

- Temperature: 5 to 40 °C
- Max RH: 95%, non-condensing
- Magnetic Fields: 5 Gauss max.

### **Approvals**

- IEC 601-1
- IEC 601-1-1
- EN 60601-1
- EN 60601-1-1
- UL 2601-1
- CSA C22.2 No 601-1

### **EMC Approvals**

- FCC 47 CFR part 15 subpart B class A
- EN 55011 class A
- EN 61000-3-2 harmonics, class A
- EN 61000-3-3 flicker, short term Pst < 1, long term Plt < 0.65

### **Immunity**

- EN 50082

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