MED SQUARE

ULTIMA B100

More than a burning solution

Compact and very easy to operate, Ultima B100 is the perfect solution for producing up to 80-100 discs a day.

With its user-friendly and multifunctional web interface, this dual recorder / inkjet printer solution – using the Epson PP100-II

Discproducer – Ultima B100 meets most of the needs of your DICOM Workflow in Medical Imaging : manual and automatic disc creation, virtual media through the cloud, scheduled archiving on DVD or Blu-Ray, unlimited user accounts for simultaneous web viewing, and automatic inclusion of the clinical report.

Features

CONFIGURABLE DISC CREATION

- On-demand media creation for DICOM studies (Query/ Retrieve)
- Automatic disc creation, using powerful rules based on DICOM fields: modality, description, radiologist, AE title, etc.
- Automatic disc creation scheduled by delay, fixed date & time or full media
- Flexible & customizable disc labelling options (by patient, department, etc.)
- Automatic choice of media type (CD or DVD) depending on the study size
- Confidentiality & data protection (data anonymization & encryption)
- Disc verification & validation

INTERFACE WITH DICOM & HL7 ENTITIES

- Unlimited number of connections, multi-modality & multi-manufacturer
- Interfaces seamlessly with HIS, RIS & PACS
- Complete panel of communication methods: send, receive, retrieve, rout
- Automatic routing of exams to multiple DICOM destinations, using rules based on DICOM fields

WEB VIEWER & CD/DVD VIEWER

- Auto-run of the DICOM disc on any PC (special viewer for MAC included)
- Fast display of series and images before the download starts (viewer light)
- Complete set of measurement & annotation / advanced comparative mode & MPR
- Possibility to add additional viewers on customer's request
- Web viewer allows remote visualization of studies on several PCs simultaneously

VIRTUAL MEDIA

Cloud sharing of DICOM studies in one click

- Studies, DICOM viewer & clinical report are selected and automatically packaged
- The package is encrypted, password protected, and sent to the Cloud in 1 click
- An e-mail – including the link and the password – is automatically sent to one or several destination(s)
- The e-mail template is completely customizable and includes instructions
- The expiration date of the stored studies is configurable
- Data are encrypted (AES 256) and totally secured (SSL protocol)
- The storage space is certified SSAE16/SOC1, SOC2, ISAE 3402

More Features

INTERFACE

- Ergonomic, user-friendly and multifunctional
- Web architecture, unlimited simultaneous connections from all of the institution's PCs
- User accounts and rights are completely configurable
- Complete real-time tracking of orders: burning, deleting, media virtualizing, etc.
- Complete audit log

ARCHIVING

- Automatic creation of an archive DVD or Blu-Ray, using rules based on DICOM fields
- Automatic disc creation scheduled by fixed date & time or full media
- Unique archiving number for each disc allows easy search

CLINICAL REPORT

- Creation of clinical reports – with images & hyperlinks – on Ultima web interface
- Import of reports in several formats
- Automatic inclusion of reports through the RIS (HL7)

Specifications

EPSON PP-100II

- Number of recorders : 2
- Input bins : 2 / Capacity : 100 Discs (2x50)
- External output : 5 Discs, 1 internal output bin : 50 Discs
- Recording Speed (fast mode) : 30 CDs/h ; 15 DVDs/h
- Printing Resolution 1,440 dpi x 720 dpi (fast mode), 1,440 dpi (quality mode)
- Printing Speed : 65 Discs/h (fast mode), 45 Discs/h (quality mode)
- Number of colors : 6 (EPSON Ink Cartridges)
- Media Types : CD-R, DVD-R, DVD+R, DVD-R DL, DVD+R DL
- Dimensions (HxWxD) cm : 34.8 x 37.7 x 51.4
- Weight / kg : 26 kg
- Power supply 100 - 240 VAC, 60/50 Hz
- USB Port 3.0

ULTIMA DICOM SOFTWARE

Fully DICOM 3.0 Compliant & provides the following DICOM services:

- Verify SCU/SCP
- Store SCU/SCP
- Query/Retrieve SCU/SCP (C-GET/C-MOVE/C-FIND)
- Storage commitment SCP
- IHE compliant

Options

- **PET/CT VIEWER :** Fusion PET & CT images
- **REPORT INTEGRATOR :** Automatic inclusion of the clinical report from the RIS (HL7)
- **QUALITY CONTROL :**
  - Allows to correct discrepancies between acquired images and patient information associated with those images
  - Gives the ability to auto-match Patient and Study information from the Worklist or PACS, as well as to manually correct errors.

SERVER: DELL OPTIPLEX OR EQUIVALENT (Storage capacity: 500 GB)

Technical data sheet available upon request.

MED SQUARE

MPTronic

Ultima B100, distributed by Medsquare

DICOM Software, powered by our partner MPTronic

CE Medical Devices 93/42/EEC

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FP04us/02-may19