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-III

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, 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, 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-100III

- 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
- Recording Speed (fast mode) : 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

Technical data sheet available upon request.

Ultima B100, distributed by Medsquare | DICOM Software, powered by our partner MPTronic

CE Medical Devices 93/42/EEC

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