MED SQUARE

ULTIMA B050
More than a burning solution

Designed for single modality use, Ultima B050 is the ideal solution for producing up to 20 discs a day. Compact and very easy to operate, Ultima B050 is perfect for clinics & imaging centers with low disc production.

With its user-friendly and multifunctional web interface, this single recorder / inkjet printer solution (using the EPSON PP-50II) Ultima B050 meets most of the needs of your DICOM Workflow in Medical Imaging: manual & automatic disc creation, virtual media through the cloud, 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
· Confidentiality & data protection (data anonymization & encryption)
· Disc verification & validation

INTERFACE WITH DICOM & HL7 ENTITIES

· 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

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)

Options

- **PET/CT VIEWER :** Fusion PET & CT images
- **REPORT INTEGRATOR :** Automatic inclusion of the clinical report from the RIS (HL7)

Specifications

EPSON PP-50II

- Number of recorders 1
- Input bins : 2 / Capacity : 100 Discs (2x50)
- External output : 20 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 : 32.4 x 37.7 x 46.5
- Weight / kg : 21 kg
- Power supply 100 - 240 VAC, 60/50 Hz
- USB Port 2.0

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

SERVER: DELL OPTIPLEX 3080

- 256 GB SSD for the operating system
- 500 GB HDD for the data
- 8 GB RAM
- Windows 10 Professional

Dell technical data sheet available upon request.

| Ultima B050, distributed by Medsquare | DICOM Software, powered by our partner MPTronic |

CE Medical Device based on Ultima 2017/745

Medsquare, 17 rue du Jura, 75013 Paris, FRANCE
W medsquare.com   E contact@medsquare.com   T + 33 (0)1 55 25 62 50