

BRIT**Systems**

Leader of the PACS

**Beyond
Roentgen
Imaging
Technologies**

BRIT Systems

Roentgen Burner –

Now with CD Importing

BRIT Systems' ROENTGEN BURNER is a DICOM/IHE compliant automated solution for producing custom-labeled CD's and/or DVD's that contain medical images plus BRIT's image viewing software. **With an HL-7 connection to your RIS or PACS**, orders and reports can be sent to the system and be included as well. Radiological studies can be DICOM stored to this device from any DICOM device on the network. Before burning, it scans the local order/report database and includes all related orders and reports received via the HL-7 interface.

The Roentgen Burner comes in the following configurations: BRIT's production Dell server with Primera Bravo XR or XRP or the Rorke PACScomm that combines Primera robotics and burner with an embedded PC. All systems are delivered with keyboard, mouse, 19" color monitor, flat bed scanner and BRIT's PACSView software

**Primera Bravo XRP**

The Roentgen Burner accepts studies from any device via a DICOM store and it accepts orders via HL-7 ORM messages and reports via HL-7 ORU messages. Alternately, a user can connect to any DICOM server and download studies. The system supports the ability to have different user IDs and passwords set up for each DICOM server to which it attaches. After receiving a study, it waits 2 minutes for more studies for that patient and then it burns all studies along with all orders and studies associated with the patient's studies onto the CD(s)/DVD(s). The automated device loads the CD/DVD along with BRIT Lite for viewing studies, creates a custom label, and burns the studies inclusive of DICOM standard annotation and key object notes (sticky notes), reports, orders, a viewer and the IHE specified DICOMDIR onto the media.

The custom label, configurable by the system administrator, includes facility name, patient name and exam descriptions. When used with BRIT's Roentgen Files, any user with authority can create CDs directly from the RIS interface without downloading the items to a workstation first. Upon completion, the Roentgen Burner outputs the media into a bin.

A specific and detailed order file is produced for each CD. The order file, which contains information about the user, the patient, specific modality and the images, provides HIPAA compliant tracking information about the CD.

**Rorke PACScomm**BPB-BRB-0001
REVD**Custom Solutions or Medical Imaging**

1909 Hi Line Dr., Dallas, TX 75207 (800) 230-7227 Phone: (214) 630-0636 www.brit.com

BRIT Roentgen Burner

CD /DVD IMPORTING

The Roentgen Burner also incorporates a CD /DVD import utility with support for document scanning. Using the import utility, studies on PDI compliant CDs or DVDs can be read into the system and matched with an existing order on the system via MWL tools. Key demographic and study information can be substituted with data from the order or edited manually before importation. Optionally, all images can be viewed and a subset of images can be selected to send to the archive. Paper information that accompanies the media can be scanned in as a DICOM secondary capture image and forwarded to the archive as a new series in the study. Any number of DICOM archives can be configured to receive the imported studies. Utilities allow the user to monitor the progress of the study as it is sent to the archive and the user can also download and view the imported study from the DICOM server to verify that all information was properly received.

BRIT LITE VIEWER

BRIT Lite supports a rich set of image manipulation tools for the referring physician. These include measurement tools for distance, angles and Hounsfield Units, scout lines, synchronization, cine for ultrasound images and comparing old and new studies on a single monitor. Viewing and printing of the report is also available.

CD/DVD BURNER SELECTION AND TECHNICAL SPECIFICATIONS

Brand of CD Burner	Footprint	Power	# of Recorders	Weight	Bin Capacities
Rorke PACScomm	17" W x 10.8" H x 16.7" D	Switch-selectable 100-120 VAC@1A or 220-240 VAC@1A 50/60 Hz	2 drives	43 lbs	50 discs/100 with optional kit
Primera Bravo XR	17" W x 7.72" H x 16.7" D	100-240 VAC, 50/60 Hz, 60 watts	1 drive	25 lbs	25 discs/50 with optional kit
Primera Bravo XRP	17" W x 10.8" H x 16.7" D	Switch-selectable 100- 120 VAC@1A or 220- 240 VAC@1A, 50/60 Hz	2 drives	43 lbs	50 discs/100 with optional kit

All purchases include on-site installation (Continental USA only), DICOM integration with a DICOM server, BRIT's recommended HL-7 mappings and up to 10 hours of support for testing the HL-7 interface sending the reports, 2 hours of training, 100 CD/DVD holders with instructions for using the viewer, a 19" color monitor and a flatbed scanner. Additional CD/DVD holders are available for purchase (custom logos available) and upgrades are available for monitors and scanners. Configurations with the Primera support the manual downloading and burning of CD/DVDs on the connecting computer.