



DIGITAL
LIBRARY
OF THE

Caribbean

SECTION 2

Recommended Equipment and Software

In this Section

- Recommended Minimum Equipment
- Recommended Minimum Software



Recommended Equipment and Software

Recommended Minimum Equipment

- Computer workstation
 - PC with Windows 2000, NT, or XP ; 1 GB RAM ; CR-RW; 17 inch monitor
- Backup power supply
 - Use as protection against power interruptions
 - Backup power supply units, also known as Uninterrupted Power Supplies (UPS), are rated for battery life. A UPS should have at least 15 minutes of battery life. The more battery life the better.
- Scanner Recommendations
 - Large format, graphic arts quality scanner that will support digitization of photographs, book pages, maps, etc. Scanner will need to be calibrated periodically.
 - Recommended Scanners
 - Epson 10000XL flatbed scanner
 - Microtek 9800XL flatbed scanner
 - Panasonic KV-S2046C sheet-feed scanner
 - Panasonic KV-S2026C sheet-feed scanner
 - Sheet-feed scanners require calibration and progressive maintenance schedules.
- Web Camera with integrated microphone
 - Web camera allows participants to communicate in real time with other project participants via Internet messaging software
 - Recommended Web Cameras
 - Logitech QuickCam Orbit



- Creative WebCam Live!

Recommended Minimum Software

- Calibration Software (included with scanner)
 - Used to ensure optimal color capture from scanners
 - Recommended Calibration Software
 - Monaco EZ Color (for use with Epson and Microtek scanners)
 - Microtek ICC Profiler (for use with Microtek scanners)
- Image Capture Software
 - Note: Digital image capture software is supplied by scanner manufacturers. Not all image capture software is the same however. Epson and Microtek image capture software support a full range of image settings for flatbed scanning, where as most consumer market scanner software does not. The Panasonic RTIV image capture software, similarly, supports a full range of image settings for sheet-feed scanning.
- Image Processing Software
 - Used to perform image editing (crop and deskew digital masters images) and to perform batch conversion of derivative images.
 - Recommended Image Processing software:
 - Adobe Photoshop (v.7, CS, or CS2)
 - Other image processing software may suffice, but the instructions in this manual are based on tools available in Adobe Photoshop.
- dLOC Applications
 - A toolkit was written specifically for the Digital Library of the Caribbean, and is freely available to all partners. See the next section for detailed information about this software.



- The latest version of this software can be downloaded from the following URL:

<http://dloc.uvi.edu/downloads/>

- Web Applications
 - dLOC recommends several web applications for communication and browsing.
 - Recommended Messaging Software
 - Skype (<http://www.skype.com/>) is used to communicate with technical staff and other dLOC institutions. Skype combines video and audio to make free long-distance calls to other Skype users.
 - Recommended Web Browser Software
 - No specific web browser is required for access to dLOC collections. dLOC is accessible using most current browsers. Display may differ slightly from one browser to another, but display is a matter of personal choice.
- Archive Applications
 - Archiving ensures that digital files may be protected. dLOC institutions are encouraged to archive both locally on CD or DVD and remotely in the dLOC Archive.
 - Recommended Local Archiving Software.
 - Recommended software both copies files from PC to CD or DVD *and* verifies full and accurate copy.
 - RecordNow
 - Nero