



Standard Specification

Laser Controller/Embedded PC Update Procedure

Perform the following steps to update the Merlin®II LS software installed in the laser controller's embedded PC.

REQUIRED MATERIALS

- Telesis Laser Controller with embedded hard drive
- USB flash drive containing Merlin®II LS software installation files.
- Monitor, Keyboard, and Mouse

1.0 UPGRADING MERLIN® SOFTWARE

- 1.1 Connect the monitor, keyboard, and mouse to the laser controller.
- 1.2 Connect the USB flash drive (containing Merlin®II LS software installation files) to the laser controller.
- 1.3 Power up the laser controller.
- 1.4 Press **CTRL+U** while the progress bar is indexing to display the boot manager.
- 1.5 Select the **Update** button in the boot manager to run Windows® Explorer.
- 1.6 Run the **SETUP** executable for the Merlin® package (normally on the USB flash drive).
- 1.7 Follow the prompts and ensure the software installs successfully.
- 1.8 Update the Boot Manager shell command to have it start the installed application.
Typically, enter the following command: **c:\Telesis\Laser\Merlin\Merlin.exe -X -S**
- 1.9 Select the **Run** button
 - Verify Merlin® starts with an expanded window (-X).
 - Verify Merlin® starts with no splash screen (-S).
- 1.10 New Installations Only: If necessary, setup the Machine properties for the system.
- 1.11 Close the Merlin® application.
 - Verify the laser controller shuts down automatically.
- 1.12 Remove the USB flash drive from the laser controller.
- 1.13 Proceed with *Section 2: Test*.

2.0 TEST

- 2.1 Power up the laser controller.
 - Verify the Merlin® application starts automatically.
 - Verify Merlin® starts with no splash screen.
 - Verify Merlin® starts in a full-screen window
 - 2.2 Close the Merlin® application.
 - Verify the laser controller shuts down automatically.
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