

CC-4 Conversion Kit

Upgrades STR-20C to STRD-30C Visible Red LED

The LS-30-2 dual power supply replaces the EL-2 power supply. The LS-30 power modules are identical but the left hand unit is labeled analog and the right hand unit is labeled digital.

We recommend #18 wire be used for power to the LEDs.

Following is a list of the steps:

1. Remove the IR LED and bracket by removing the black 4-40 screws.
2. Attach the new dual copper LED mount assembly to the standoff with the black 4-40 flat head screws provided. Use care not to bump the surface of the LEDs.
3. Wire the small connector on the LED assembly to the LED power terminals of the power supply. Gently plug the connector into the socket and carefully route wires to minimize strain on the connector.
4. Remove the old adaptor block assembly and replace it with the one sent with the conversion kit. (The old adaptor block assembly may not work).
5. Remove the dual lens mount with the analog reader. Cut the links labeled JP3 and JP4 that are located above the wiring connectors at the rear of the reader.
6. Remove the old lens block assembly and replace it with the one sent with the conversion kit. (The old lens block assembly may not work).
7. Place the new digital reader into the lens mount.
8. Align readers and LEDs per instructions.