

## SC-4 Conversion Kit

*Upgrades STR-20S to STRD-30S 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. Replace the standoff that is attached to the locator plate. Use the 4-40 flat head screws provided. The screws will not be accessible later so you should use some removable thread locker.
3. 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.
4. 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.
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. Place the new digital reader into the lens mount.
7. Align readers and LEDs per instructions.