

# 882IS Indicator and I/O Module

## Fiber Communication Distance



Manuals are available from Rice Lake Weighing Systems at [www.ricelake.com/manuals](http://www.ricelake.com/manuals)  
Warranty information is available at [www.ricelake.com/warranties](http://www.ricelake.com/warranties)

### Board Identification

Fiber communication distance between the 882IS Indicator and 882IS I/O Module (PN 177709) vary depending on CPU board revisions.

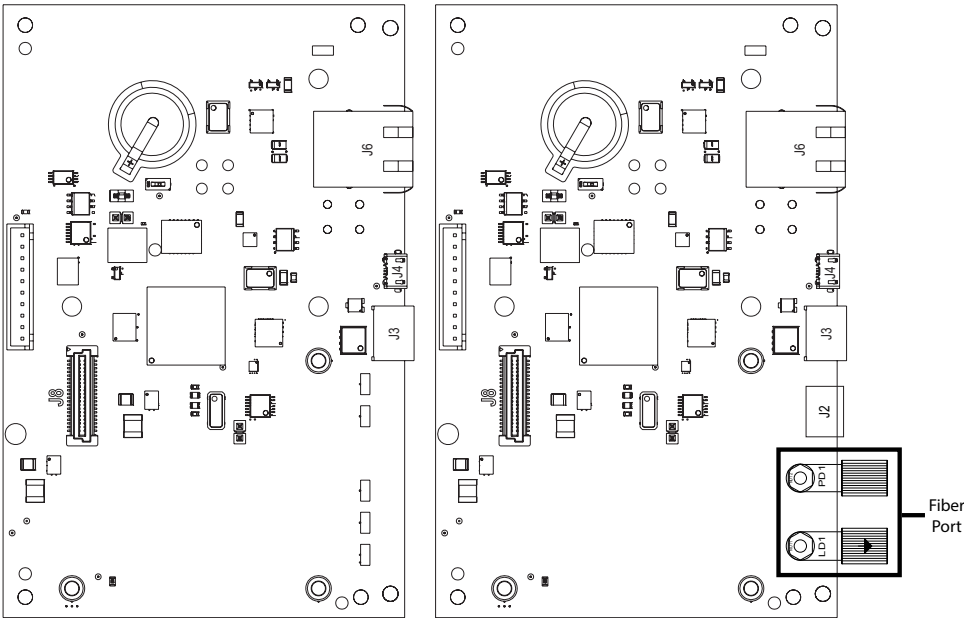


Figure 1. I/O Module CPU Boards NXP Rev D2 (left) and LPC Rev J1 (right) - PN 176922

| CPU Board Rev | Firmware         | Serial Number           |
|---------------|------------------|-------------------------|
| D2            | 1.04.00 or older | 2109500006 and previous |
| J1            | 2.00.00 or newer | thereafter              |

Table 1. I/O Module CPU Board Firmware Versions

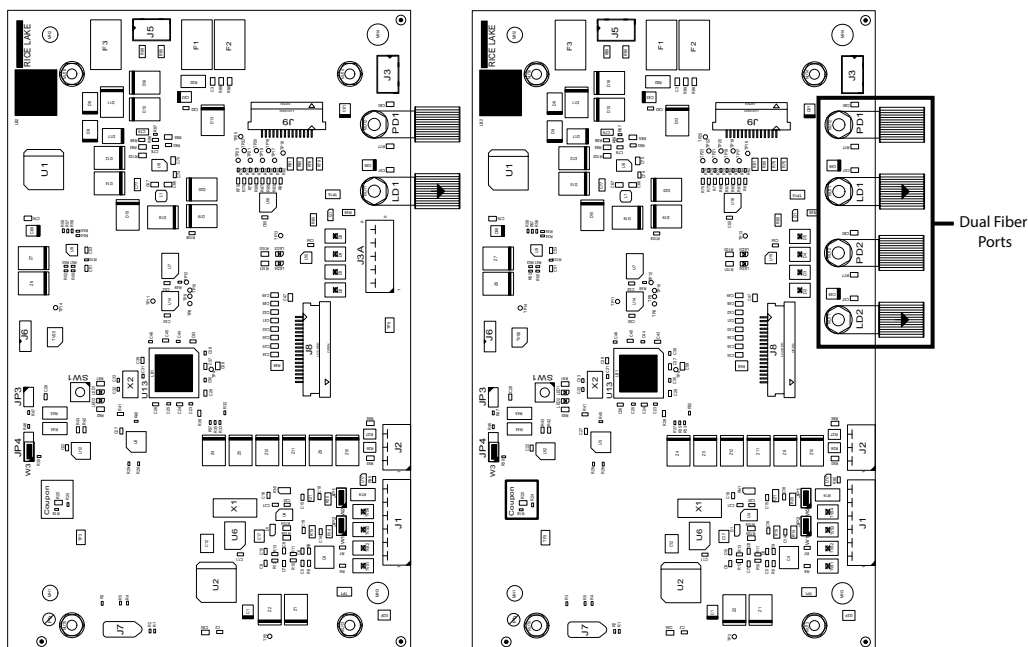


Figure 2. Indicator CPU Boards Green NXP (left) and Blue LPC (right) - PN 221062

| CPU Board   | Firmware         |
|-------------|------------------|
| Green (NXP) | 1.11.00 or older |
| Blue (LPC)  | 2.00.01 or newer |

Table 2. Indicator CPU Board Firmware Versions

## Communication Limitations

A communication distance of 500 ft is only achieved with new indicator hardware and I/O module boards set to 57600 baud. If old hardware versions are used, communication distance is restricted to 150 ft (see Table 3).

| Indicator   | I/O Module Board Rev | Max Fiber Distance |
|-------------|----------------------|--------------------|
| Green (NXP) | D2                   | 150 ft             |
| Blue (LPC)  | D2                   | 150 ft             |
| Green (NXP) | J1                   | 150 ft             |
| Blue (LPC)  | J1                   | 500 ft             |

Table 3. Maximum Communication Distance



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