



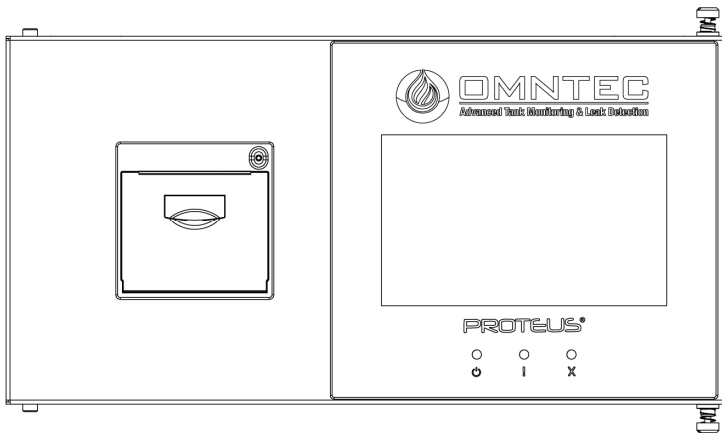
OMNTEC
Advanced Tank Monitoring & Leak Detection



1. Open the camera app
2. Focus the camera on the QR code by gently tapping the code
3. Follow the instructions on the screen to view PDF file

OEL8000III-K | OEL8000III-X

ADDING A NEW PRINTER



PROTEUS® Series TANK GAUGING SYSTEM

Revision 2422

Document No. DI00014 DI00015 DI00020-3

OMNTEC Mfg., Inc. has been certified
by DQS Inc. to ISO 9001:2015

Parts Required:

Gen 3.0:

- I00338 (printer)
- DP00035 (printer shield cover)
- (2) N-4-BK (cable tie downs)

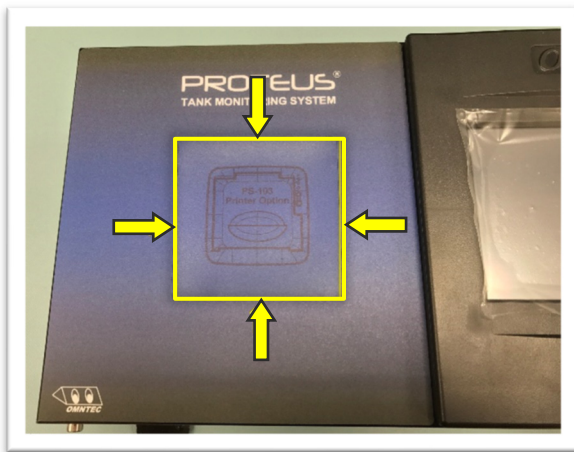
Gen 3.5/4.0:

- I00338 (printer)
- DP00140 (printer shield cover)
- (1) I00324 (cable clamp)

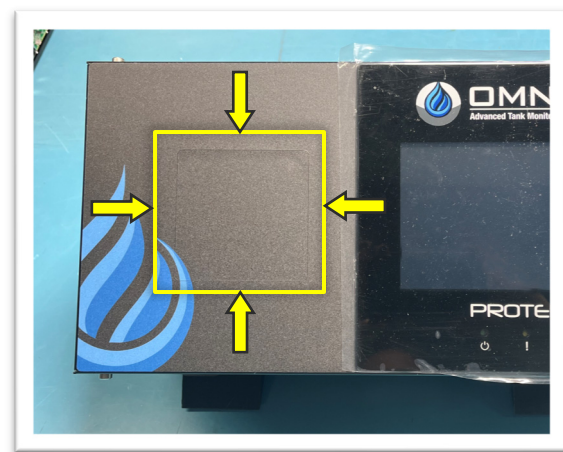
Tools Required:

- ¼" nut driver
- #0 Phillips head screwdriver
- Mallet

1. Power off the controller and use a mallet to knock out the printer perforation from the front, which consists of the overlay graphic and the metal plate behind it. (See Figures 1.1 and 1.2)



Gen 3.0
Figure 1.1



Gen 3.5/4.0
Figure 1.2

2. Insert the new printer with the paper feed advance/LED power-on button in the top right of the controller (yellow).

Please note, installation of the printer for steps 2 and 3 is the same for Gen 3.0 and 3.5/4.0 controllers.
(See Figure 2.0)



Figure 2.0

3. Tighten both screws with the #0 Phillips head screwdriver until the clamps, on the rear of the printer, lock it onto the door frame.
(See Figure 3.0)

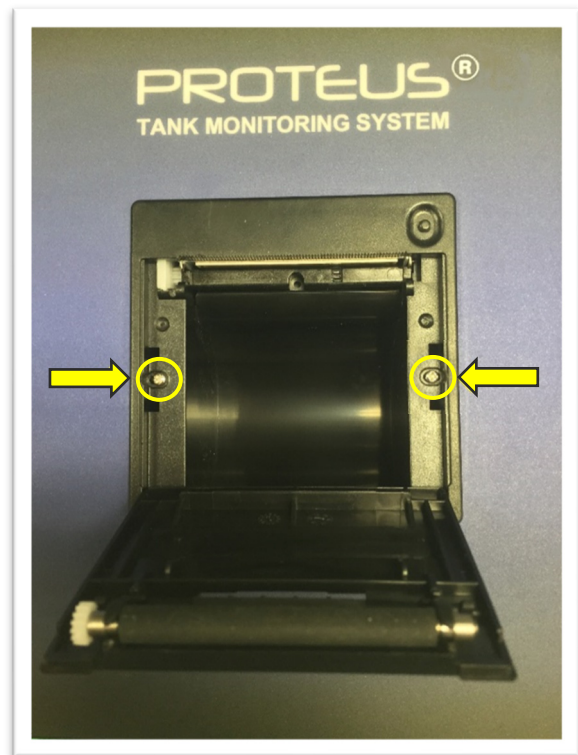


Figure 3.0

4. Route the DC power cable and data cable through their proper openings in the metal printer shield covering and connect respectively to the back of the printer. Install the printer shield covering over the back of the printer, securing it with the ¼” nuts on the two posts. Below are images detailing the printer connections and printer shield coverings across the different PROTEUS versions.
(See Figures 4.1 to 4.4)

**PROTEUS Gen 3.0
Printer Connections**

(Figure 4.1)



**PROTEUS Gen 3.0
Printer Shield
Covering**

(Figure 4.2)



**PROTEUS Gen 3.5/4.0
Printer Connections**

(Figure 4.3)

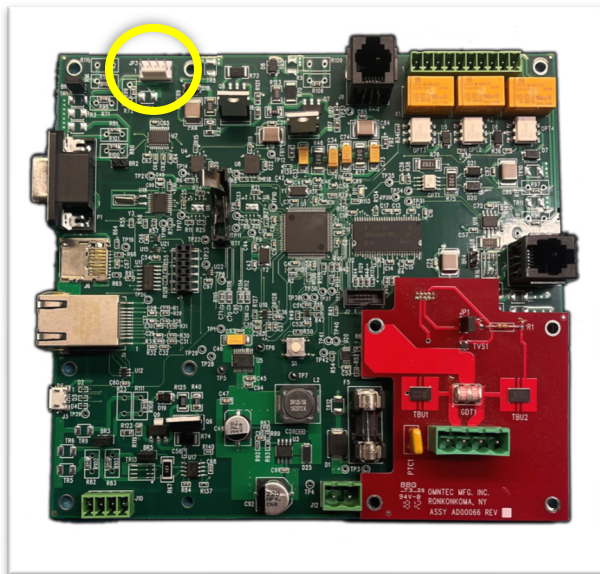


**PROTEUS Gen 3.5/4.0
Printer Shield
Covering**

(Figure 4.4)

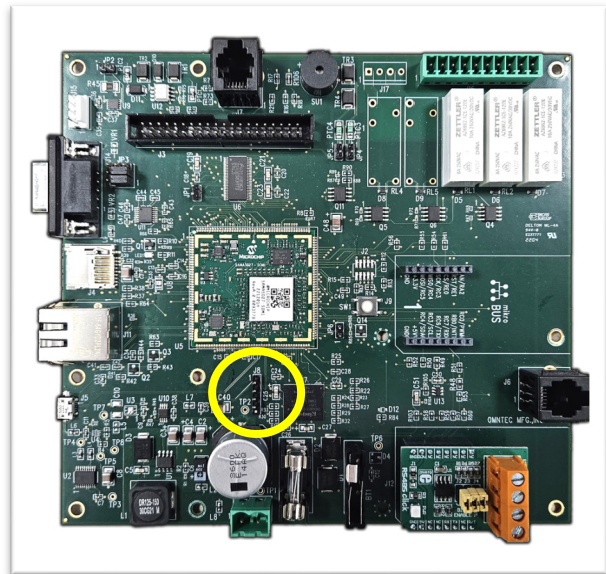


5. On Gen 3.0, route the gray data cable. Connect its 4-pin connector to the MCU board. **You must first remove the jumper from the 4-pin connector.** (See Figure 5.0)



PROTEUS Gen 3.0 MCU
Figure 5.0

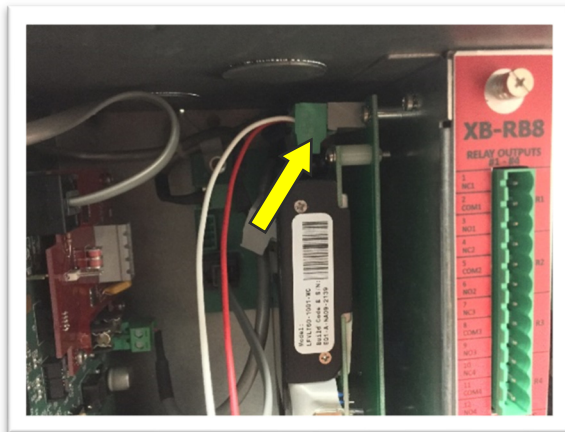
6. On Gen 3.5/4.0, route the black USB data cable. Connect to the 4-pin connector on the MCU board. (See Figure 6.0)



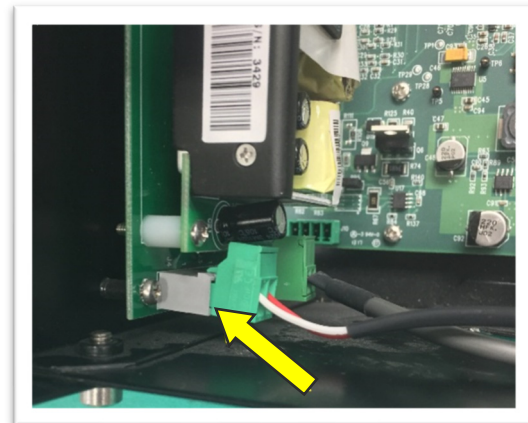
PROTEUS Gen 3.5/4.0 MCU
Figure 6.0

7. Route the DC power cable to the power supply and reconnect. (See Figures 7.1 and 7.2)

Please note, steps 7, 8, 9, 10, and 11 are the same for both Gen 3.0 and 3.5/4.0 controllers.



PROTEUS X
Figure 7.1



PROTEUS K
Figure 7.2

8. Insert the paper with the leading edge coming off the back of the roll. Close the printer door while some paper is extended beyond the opening.
(See Figure 8.0)

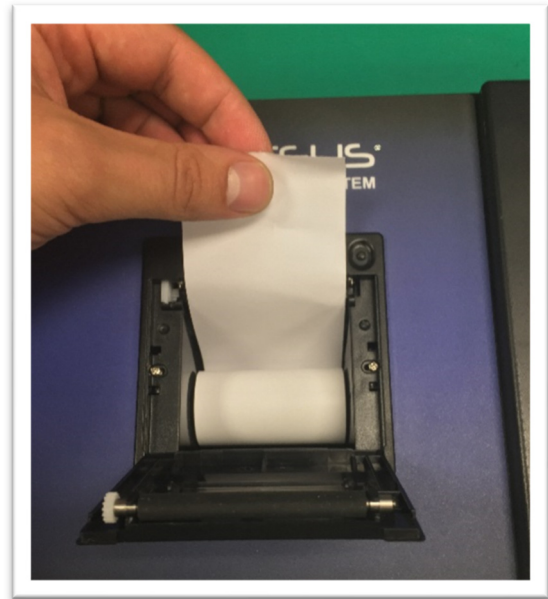


Figure 8.0

9. Gently tear excess paper at an upward, 45-degree angle, towards the cutting teeth.
(See Figure 9.0)

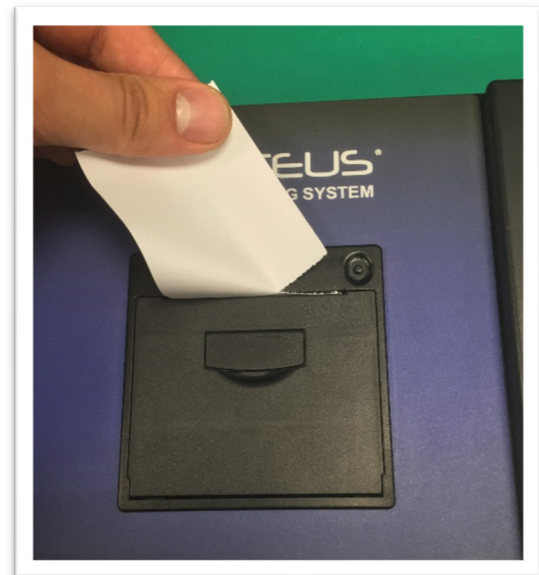


Figure 9.0

10. Power on the controller and confirm that the green LED for the printer turns on. Upon boot up, the printer will print the date and time confirming it is functioning.
(See Figure 10.0)
11. Pressing the green LED power-on button will advance the paper. Press the test button to confirm the printer functions. The controller is now ready to print.
(See Figure 11.0)



Figure 10.0



Figure 11.0