

# Retrofit Kit Installation Instructions

Installing the Retrofit Kit upgrades an iDimension Plus to the latest version.



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)

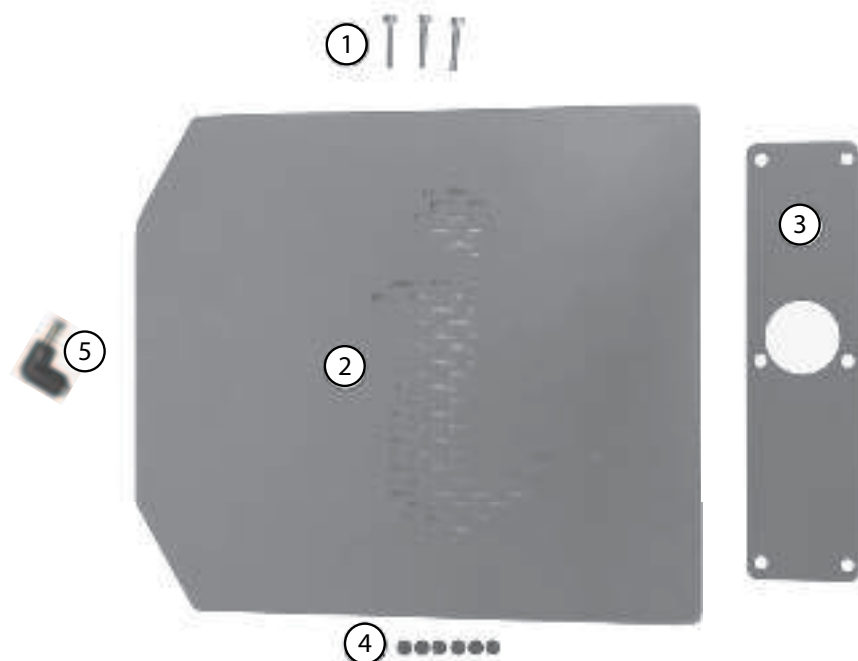


Figure 1. iDimension Plus Retrofit Kit Parts

| Item No. | Part No. | Description                       | Qty. |
|----------|----------|-----------------------------------|------|
| 1        | 150660   | Mounting Screw, Cap M4-0.7x20     | 3    |
| 2        | 223603   | iDimension Plus 2.0 Head Unit     | 1    |
| 3        | 223778   | Plate, iDim 2.0 Black, Back       | 1    |
| 4        | 65680    | Screws, KEPS 6-32 External        | 6    |
| 5        | 222730   | Adapter, DC power                 | 1    |
| -        | 206585   | iDim Plus 2.0 Calibration Object  | 1    |
| -        | 227300   | Hardware Kit, iDimension Plus 2.0 | 1    |

Table 1. iDimension Plus Retrofit Kit Parts List (PN 228864)



**NOTE:** For further instructions on iDimension Plus assembly procedures, see the iDimension Plus Assembly Instructions (PN 197164).

## 1.0 Removing the Existing Head

1. Remove the rear screws and back plate of the old scanning head with a Philips screwdriver.



Figure 2. Rear Screw Locations



Figure 3. Rear Screw Locations (continued)

2. Detach cable connections and power adapter.



Figure 4. Detached Connections

3. Locate the key holes at the top of the iDimension pole.
4. Loosen the mounting screws without removing them using a hex wrench from the hardware kit.

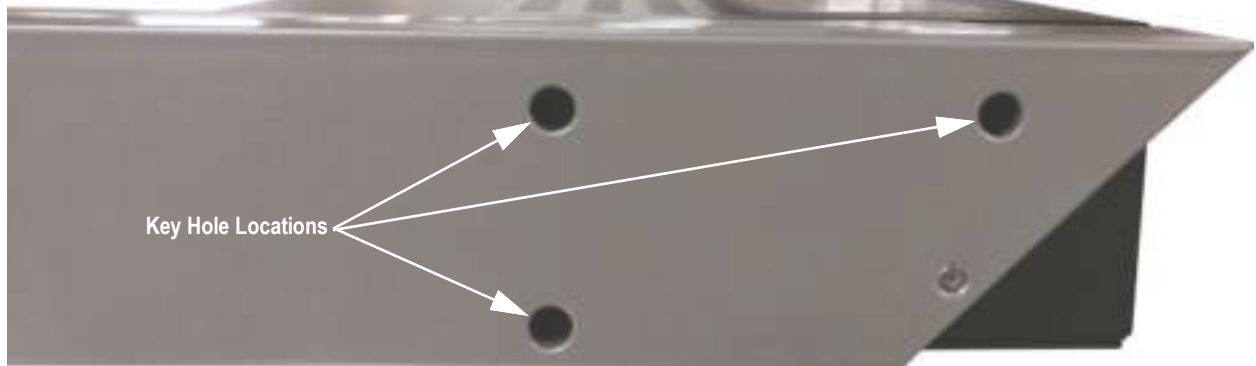


Figure 5. Key Hole Locations

5. Lift to remove the old scanning head from the pole assembly.



**IMPORTANT:** Carefully thread the cables through the cable slot when removing the scanning head to prevent damage.

6. Replace the rear screws and back plate of the scanning head.
7. Discard the scanning head.

## 2.0 Reassembling the Unit

1. Thread the mounting screws into the new scanning head. Do not tighten.

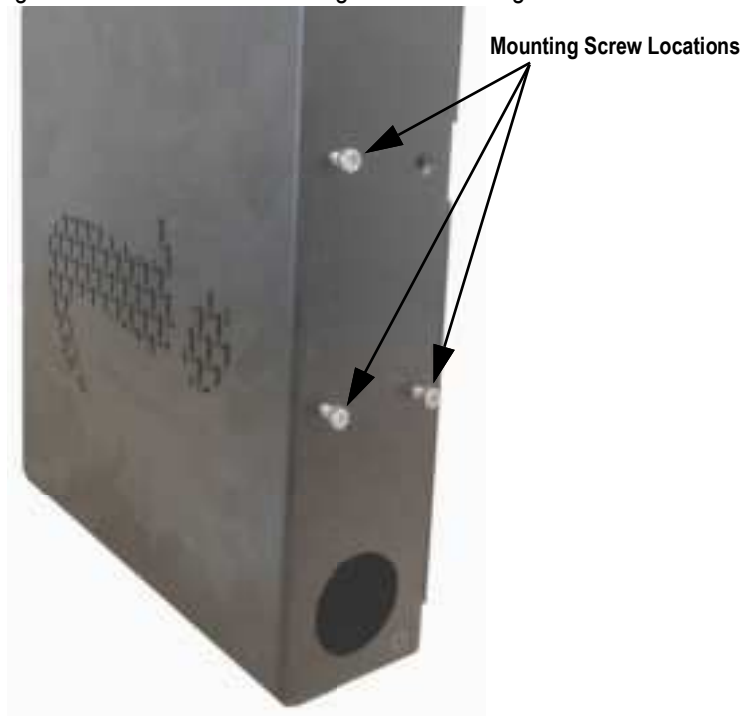


Figure 6. Threaded Mounting Screws

2. Remove the rear screws and back plate of the scanning head.



Figure 7. New Rear Screw Locations (circled)

3. Carefully thread the cables through the cable slot.
4. Line up, insert and lower the mounting screw heads inside the pole assembly key holes.
5. Tighten the mounting screws.
6. Place the adapter onto the power cable.



Figure 8. Adapted Power Cable Assembly

7. Attach the cable connections and power adapter (see [Figure 9](#)).



Figure 9. Connected Cables and Power Adapter

8. Replace the back plate and rear screws.

