



Dcon_Ag_WL (Water Level) Field Installation Document





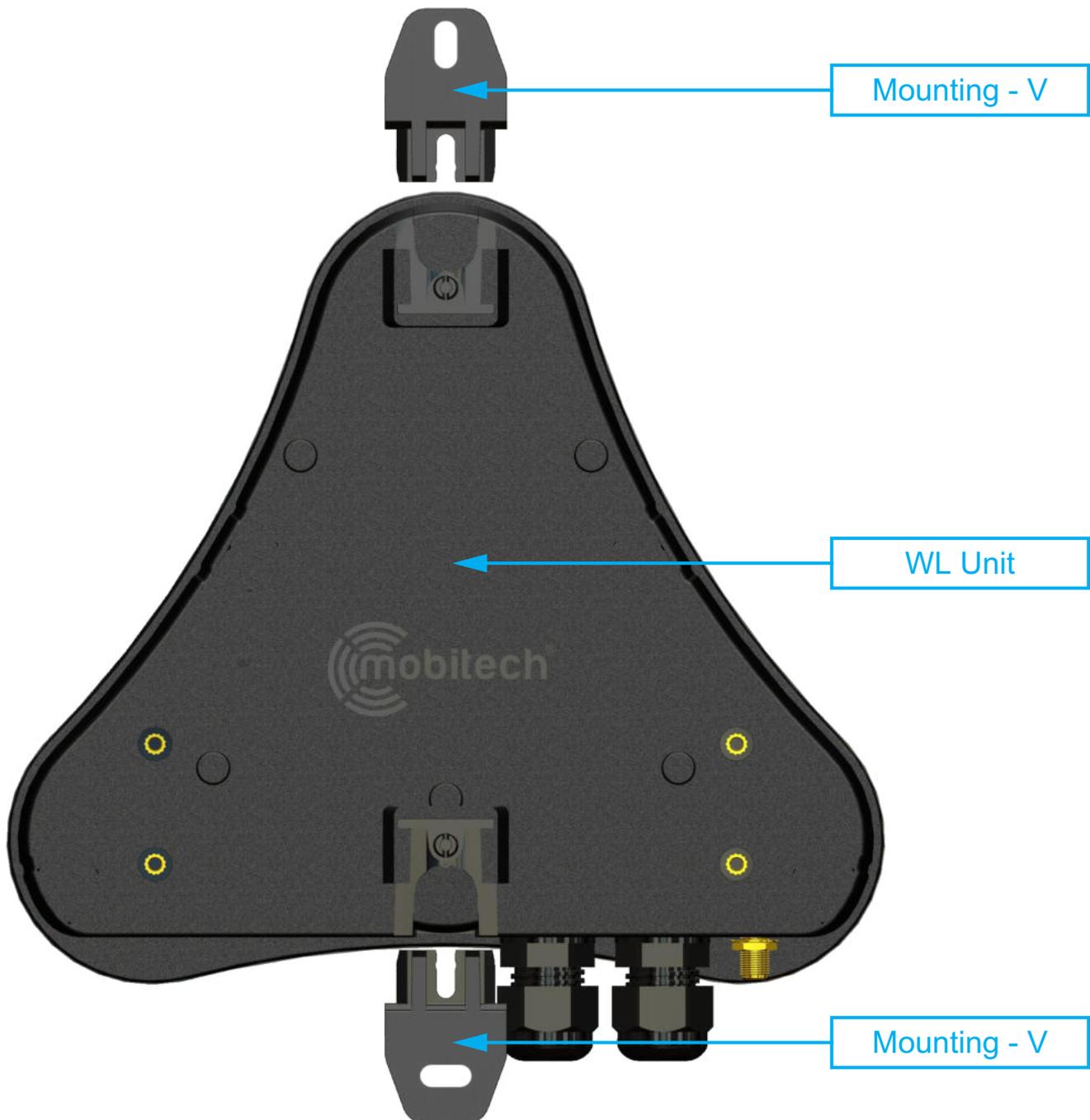
Technical Specification:

- Product Name : WL
- Solar Panel : 12V/13W
- Battery : 7.4V/2.6AH
- Backup Time : 72 Hours
- Communication : LORA and Blue tooth 5.0
- GPS : Inbuilt
- Sensor Output : 0 - 5V Analog
- Sensor : Linear Water Level Sensor

Assembly Procedure:

Mounting Assembly:

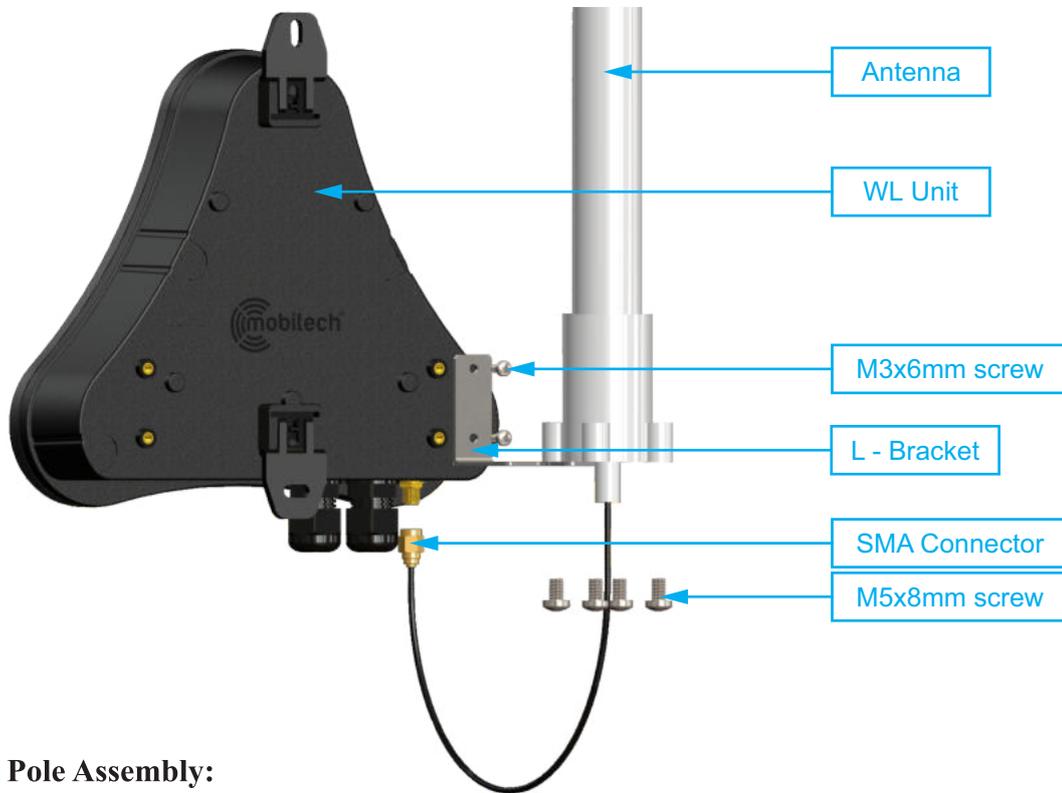
- Place V slot mounting at top side.
- Place H slot mounting at bottom side.





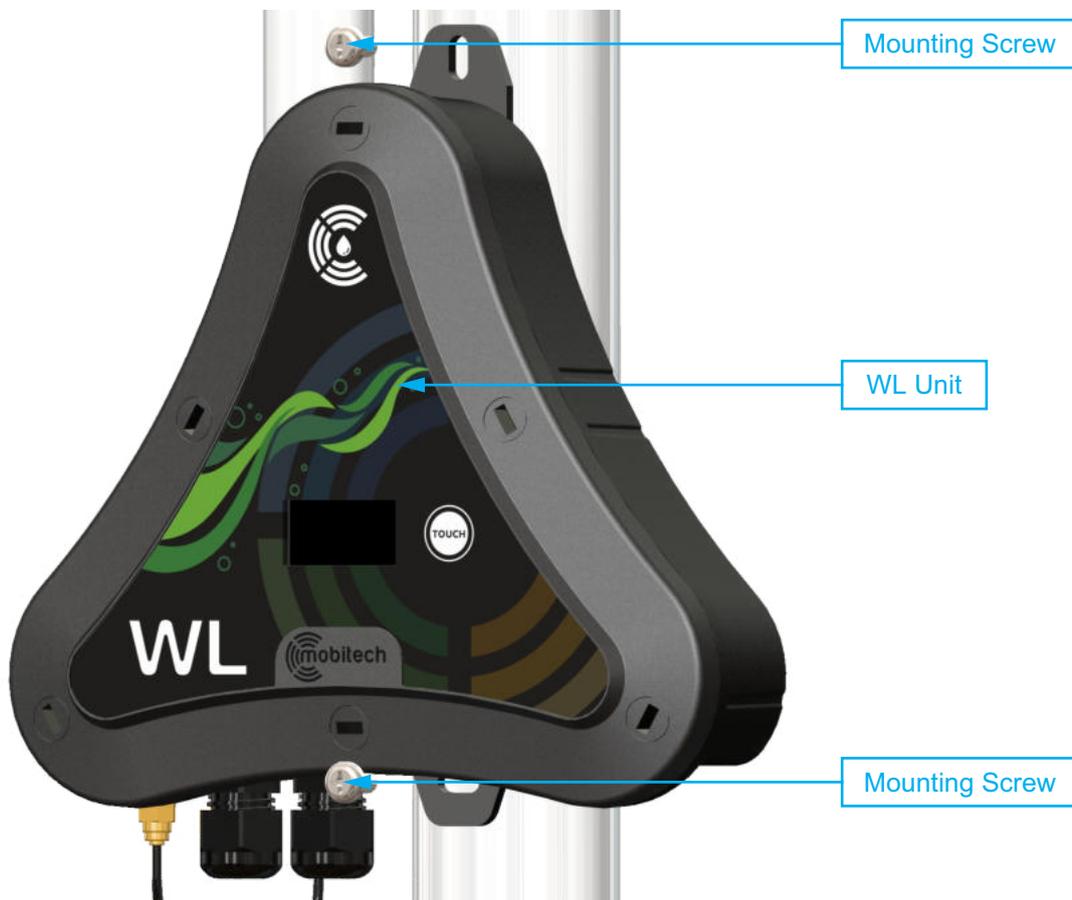
Antenna Assembly:

- Place the L-bracket for antenna mounting and screw with M3x6mm screw.
- Place the antenna on the mounting plate with M5x8mm screw.
- Connect antenna connector to SMA connector in WL unit.



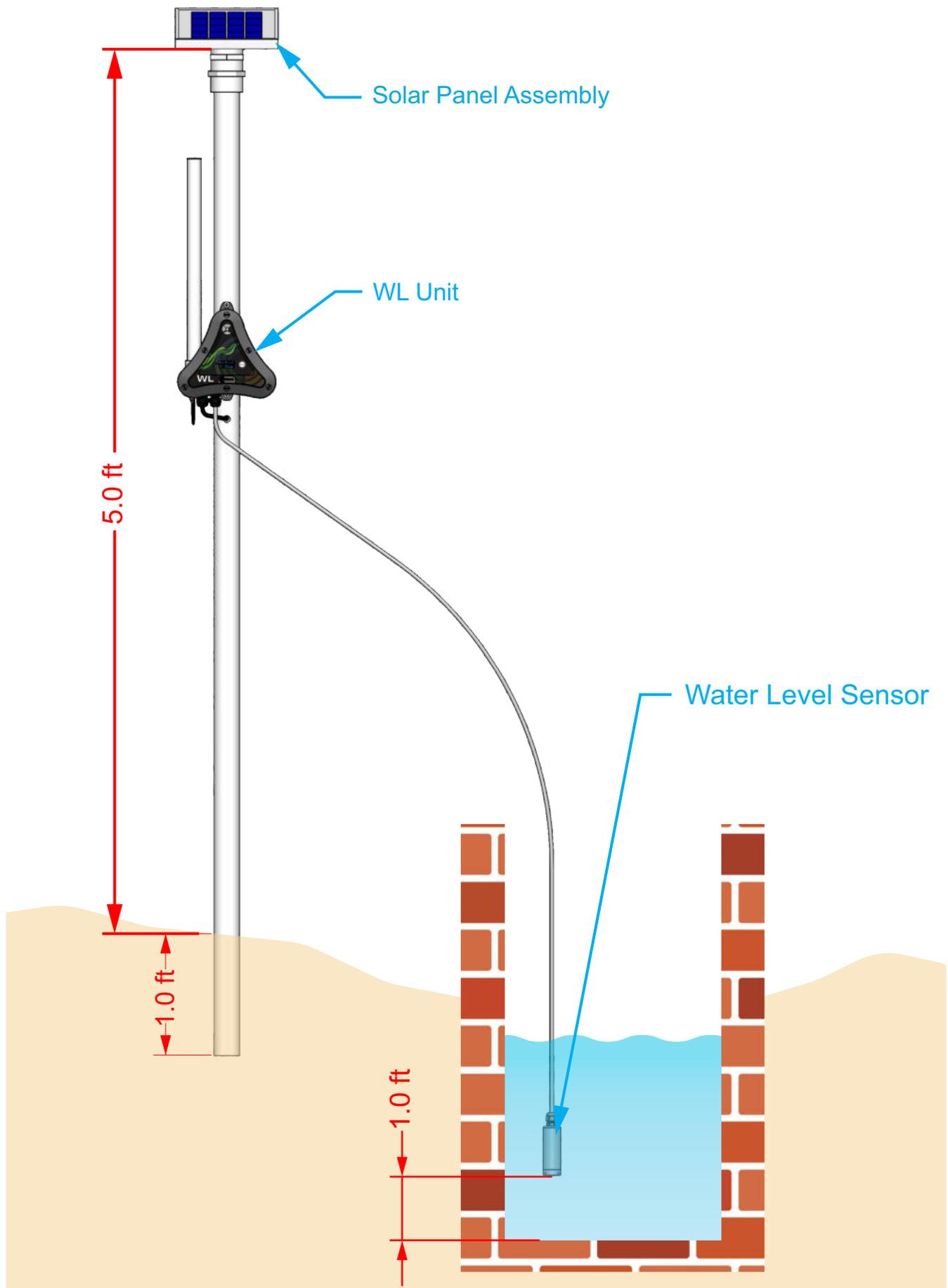
Pole Assembly:

- Mount WL unit with screw on pole.





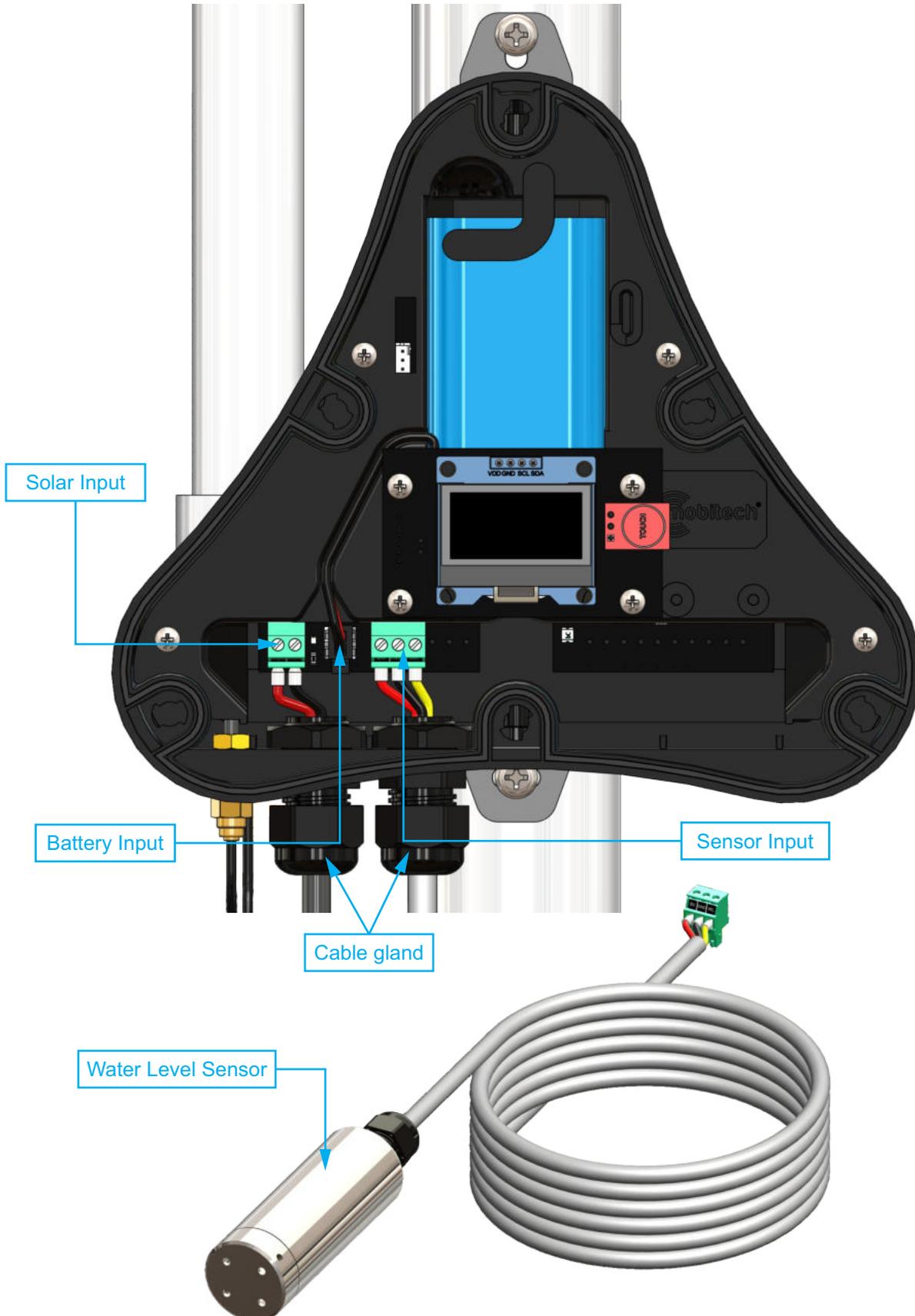
Full Assembly:





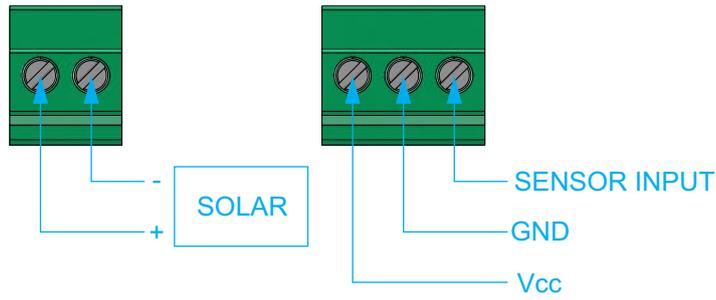
Wiring Drawing:

- Open top cover.
- Open cable gland 1, insert solar cable gland 1 and connect cable as shown in wiring diagram.
- Open cable gland 2, insert Water level sensor cable in to cable gland 2 and connect cable as shown in wiring diagram.
- Connect battery connector as shown in picture.
- Check all connections and ensure tight of cable gland before closing top cover.



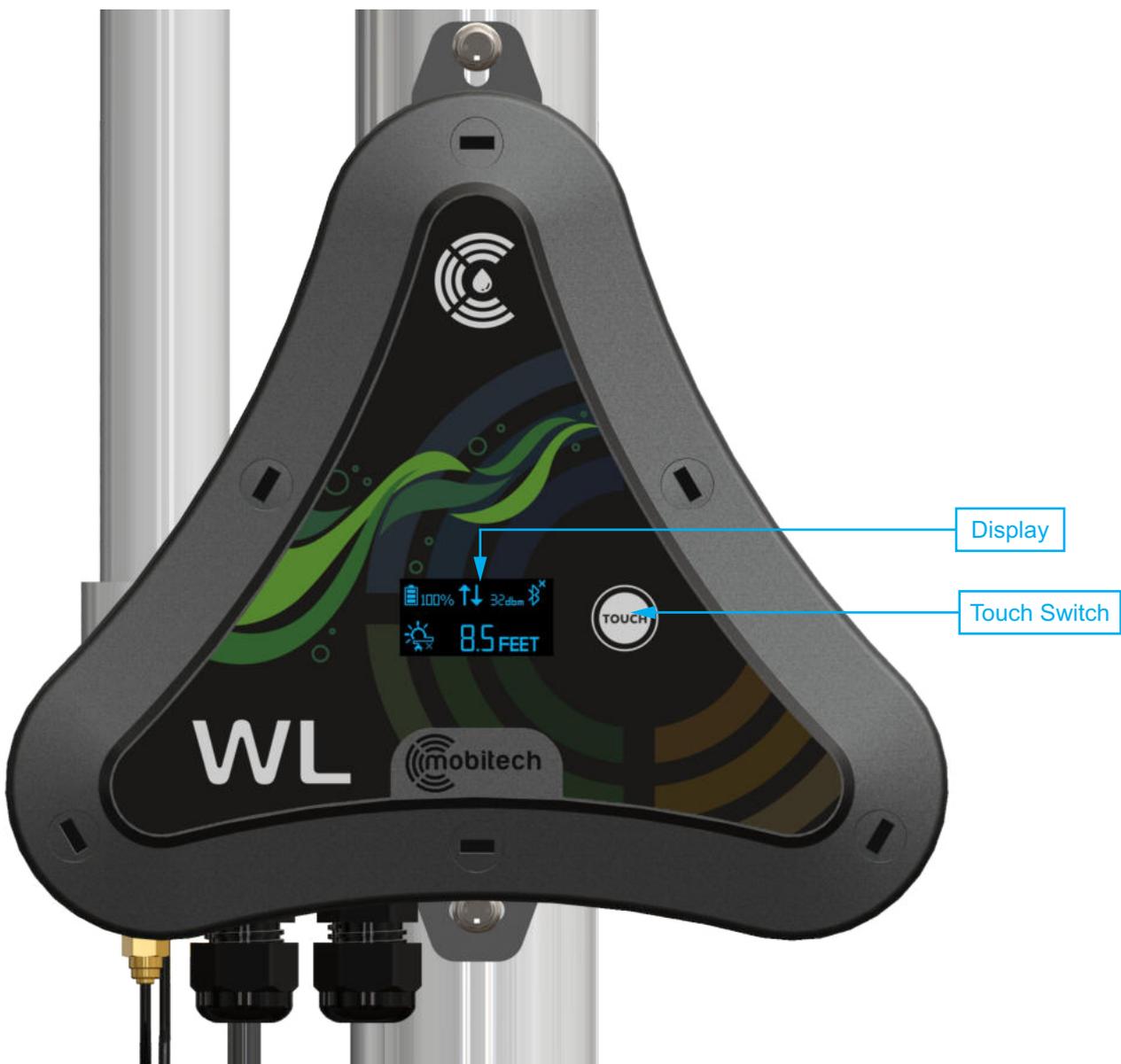


Connector Detail:



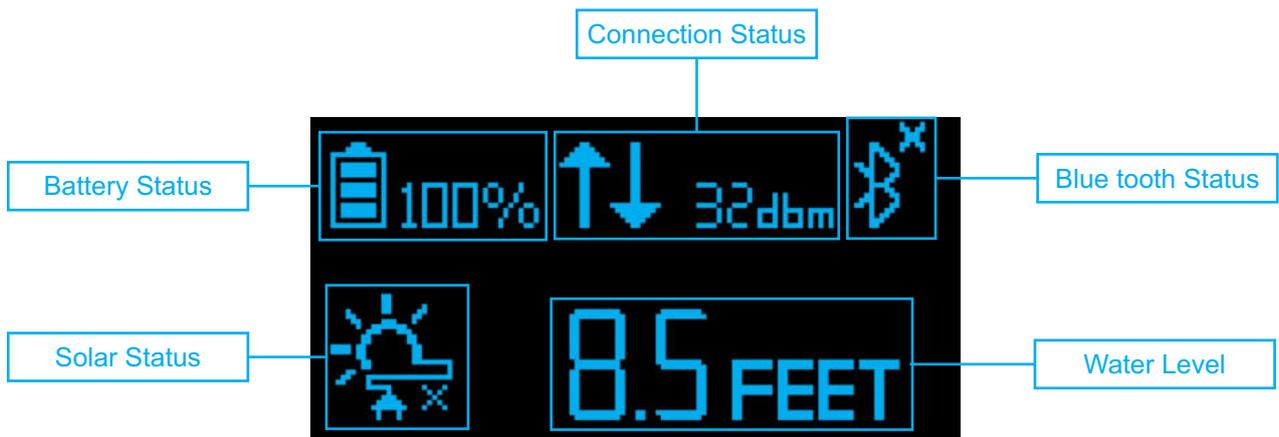
Configuration:

- After finishing wiring, touch the touch sensor, it will wake-up display.
- Long touch (3sec) to connect Blue tooth for configuration.





Display Screen:



Battery Status:



- It shows Internal Battery Percentage.

Connectivity:



- It shows Connectivity Strength.

Blue tooth Status:



- Blue tooth Disconnected.



- Blue tooth Stand-by(blink).

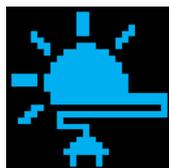


- Blue tooth connected.

Solar Status:



- Solar Not Connected.



- Solar Connected (Blink).

Sensor Value:



- It shows water level in Feet.



- It shows water level in Meter.



- It shows water level in Percentage.