**12v Solar Kit**

*Always follow all safety rules when operating power tools and when working at heights.*

**Do not perform the assembly and installation process without the necessary safety qualifications.**

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1. Measure the length of wire needed and push it through the opening in the mounting bracket. The wire is already connected to the solar panel. Keep the wire as short as possible for best performance.

2. Use the straight pipe to install the Eagle Eye unit on a horizontal surface or the bent pipe for an installation against a vertical surface.

3. Push the wire from the solar panel through the pipe and insert the pipe into the mounting bracket. Leave approximately 30cm (1ft) of wire outside the top of the pipe to be connected to the Eagle Eye unit.

4. Strip the wire and place the red connector on the wire with the black line (+). Place the blue connector on the unmarked wire (-) and secure the connectors in place with a crimping tool.

5. Insert the red connector into the red plug and the blue connector into the blue plug on the Eagle Eye unit.

6. Push the connectors deep into the base of the Eagle Eye unit and insert the pipe. Ensure that the pipe is firmly inserted into the Eagle Eye base.

7. Align the holes and insert the supplied screws. Fasten the screws with a phillips screwdriver.

8. Place the mounting bracket on the surface and mark where the holes should be drilled. Drill 4 holes with a 6mm (15/64”) drill-bit. Insert wall plugs and fasten the bracket with the screws included. Seal the holes with silicone.

9. Connect the 4 mounting brackets to the solar panel, using the supplied bolts and nuts.

10. The solar panel must always either be installed on a flat surface or on an angled surface facing the equator. Always install in direct sunlight. Also consider the shadow from the Eagle Eye unit when placing the solar panel.

11. Place the solar panel on the surface and mark where the holes should be drilled. Drill 4 holes with a 6mm (15/64”) drill-bit. Insert wall plugs and fasten the brackets with the supplied screws. Seal the holes with silicone. Ensure that all exposed wires are neatly secured.