# WAVE NETWORK VISUALIZATION

Based on the device mentioned above, an elastic **resin mesh** is connected via **vapor pressure rod**.
By an electronic control signal from a remote data receiver, the vapor pressure rod stretch. The data receiver updates hourly on the **wave height along the Southern California coastal waters**. By changing the height of rods, the whole device group simulates the **wave heights** an hour before. Undulating mesh simulates the natural water wave texture, while playing a **wave warning effect** at the same time.

WAVY MESH ┄┄┄┄┄┄
ROD ┄┄┄┄┄┄
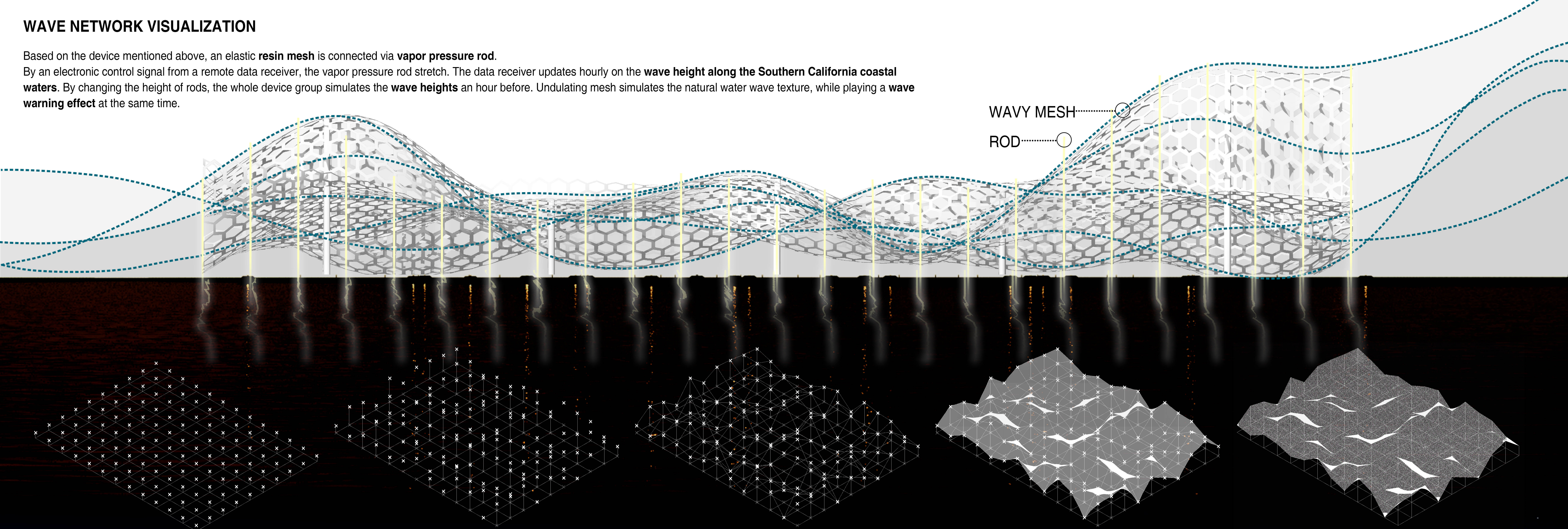
1. All the rods start out at the same height, their vertexes are at the same level.

2. The sensor on each lever can accept the corresponding signal from the buoy situated across the coastal area. According to the average hourly wave height in different location, the height of levers change.

3. The ups and downs of rods represent the wave data, based on the height changes of different rod, showing the change of waves in different parts of coastal water.

4. Different height of supporting rod distorts the surface of the mesh, creating a wavy effect. Through the device, visitors can see wave trend along the Southern California offshore area.

5. Undulating shape of mesh presents a random change in natural rhythm. With the solar energy collected during daytime, all rods light up during night, creating a unique night view for visitors.