

Wiiste IoT – SH1-WAN INSTALLATION INSTRUCTIONS

WIISTE

NOTE: The SH1-WAN sensor can only be installed in fresh, recently casted concrete. Do not attach the sensor to any object, especially not to the reinforcements.

INSTALLATION

1. The surface of the concrete is aligned evenly and at the correct height at the point of installation.
2. The sensor is installed with the stem facing down so that the upper surface and the surface of the concrete are at the same height.
3. Sensors that are used for the same measuring point should be installed 15–25 cm apart.
4. Make sure that the sensor does not rise above the surface of the concrete during the drying period due to the buoyancy caused by the unhardened material. If this happens, the sensor must be pressed down again so that it aligns with the concrete surface. If necessary, the sensor can be secured using e.g. a flat weight.
5. After the sensor has been installed, the surface may be finished with a machine or by hand.

The sensor should be installed as far away from electrically conductive materials as possible. The reason for this is that conductive materials may interfere with the antenna and cause reception problems. A reinforcement crossing below the point of installation, for example, may cause interference to the antenna area located at the wing of the sensor.

