

**Manufacturer:**  
Senceive

**Issue :** 2  
**Valid From :** 12-02-2019

### FlatMesh Wireless Sensor System

#### Product Description

A wireless mesh-networked, intelligent sensor system to enable monitoring of complex layouts or challenging and difficult to access environments.

#### Product Image



#### Scope of Acceptance

##### Full Acceptance

Accepted for use to monitor Geotechnical, Track, Structure, and Tunnel infrastructure.

Flatmesh Wireless Sensor Network for use with the parts listed in the product configuration. This acceptance does not cover the suitability of the types and arrangement of the sensors in the mesh. Although the manufacturer of the product can provide advice, the responsibility for designing the instrumentation configuration lies with the user.

Where the system is used to provide alarm functionality for Geotechnical, Track, Structures, and Tunnels monitoring, the provisions of Network Rail Standard NR/L2/CIV/086 module 6 must be complied with. The system shall not be interfaced with route control or signallers without demonstrating full compliance with the provisions of this standard and all other relevant route control or signalling standards.

Additional sensors may be permitted as authorised by the Professional Head for the asset on which it is being installed, or delegate in writing.

Network Rail Acceptance Panel (NRAP) hereby authorises the product above for use and trial use on railway infrastructure for which Network Rail is the Infrastructure Manager under the ROGS regulations.

Reviewed by:

Authorised by:



Tom Riley  
Product Acceptance Coordinator



Simon Abbott  
Professional Head of Geotechnical



Gareth Evans  
Professional Head of Track