

AURORA – DRAINAGE

A wireless IoT sensor system

ABOUT

Aurora Drainage utilizes capacitive sensor. The sensor contains an array of sensor elements, able to detect the capacitive parameters of adjacent mediums. This allows you to programmatically detect and distinguish between different types of fluids and mediums under the manholes. This information can be transferred wireless, for real-time monitoring.

Connectivity

The module can be configured with SMARTMESH IP, Sigfox, LoRa or NBloT.

GENERAL SPECIFICATION

PARAMETER	Min	Max
Storage temperature ⁽¹⁾	-20° C	40° C
Operating Temperature ⁽²⁾	5° C	60° C
Supply Voltage	2.2 V	3.6 V
IP Rating	IP68 (IP67 for transceiver)	



Specifications and information herein are subject to change without notice.

(1) Storage temperature with lithium battery.
 (2) The operating temperature can be lower depending on radio mainboard to be equipped with this module.