TECHNICAL CARD

Sensor DSW 3.0

Water Level Sensor

model DSW 3.0

DSW Sensor is used to measure the height of water level from water accumulated on a flat roof.

The sensor is installed near the roof outlets to monitor proper roof drainage. Measurements are carried out every **minute** with an accuracy of **5 mm.** The sensor is wireless and is charged by the sun.



Measurements

Water level

Water level measuring range	**2 cm to 15 cm**
Measurement accuracy	**+/- 5 mm**
Standard frequency of measurements	**1 minute**
Maximum frequency of measurements	**20 seconds**

Working environment

Operating temperature range	**-20°C to +60°C**
Designed to work outdoors	
Year-round weather resistance	

Sense Monitoring sp. z o.o.
ul. Nałkowskiej 11,
38-500 Sanok, Poland

+48 794 234 334
+48 604 135 370
contact@sense.com.pl

www.sense.com.pl

Power supply

Power source	Ni-MH rechargeable battery
Battery charging	solar battery
Charging time	2 days with an illumination of 50,000 lx (a sunny day)
Work without recharging	up to 25 days

Communication

Frequency	**915 MHz (US version)**
Antenna	built-in
Transmit power	14 dBm (25mW)
Range	up to 600 m
Technology	LoRaWAN

Physical features

Dimensions without balast	276 mm (H) x 136 mm (W) x 122 mm (D)
Weight without balast	0,9 kg
Weight with balast	3,7 kg
Other Functions	rollover sensor devices movement sensor

www.sense.com.pl

Sense Monitoring sp. z o.o.
ul. Nałkowskiej 11,
38-500 Sanok, Poland

+48 794 234 334
+48 604 135 370
contact@sense.com.pl