

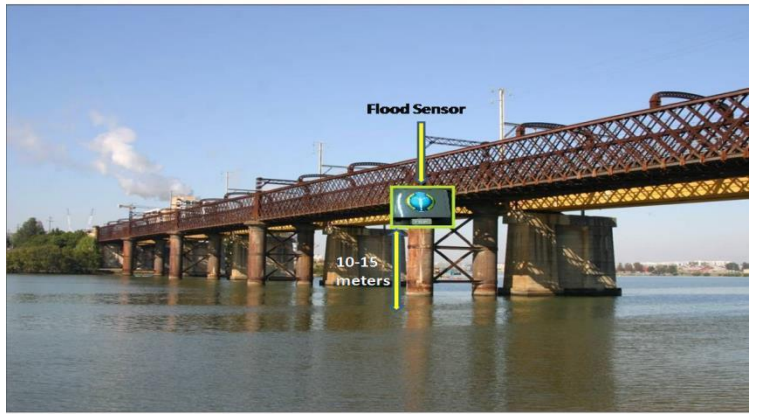


1. Flood Sensor Model No FS 001

S/no	Parameter	Details	Sensing range/Remarks
1	Measurement elements	Flood Water Level(reliable and cost effective to facilitate accurate stream level readings)	
2	Measurement component & Measurement range	Upto 10 metres	Up to 10 Meters (Customized models for higher depths)
3	Resolution	0.02 metres	
4	Accuracy	+/- 5 % FS	
5	Connectivity	<ul style="list-style-type: none"> GSM 3G/4G Third party access for Curated /Computed data 	
6	Software and Data backup	Data Buffer Capacity up to 3 years	
7	Data Capture Frequency	Every 30 seconds	Higher frequency for Monsoon
8	Enclosure	Customized design for outdoor deployment	Shall be rugged, stainless steel housed IP-65, NEMA-4X, NEMA-6P
9	Stabilization Time	Stabilization Time on power outages < 5 minutes	
10	Visual Indication	LEDs on the Device for easy visual indications	
11	Products origin and certification	<ul style="list-style-type: none"> Product is Made in India Communications modules are FCC, PTCRB compliant All major components of sensors are CE certified 	
12	Operating Range		- 10°C to 70 °C
13	Software Solution	<ul style="list-style-type: none"> Solution to enable APIs for mobile apps ,Web services LED Display boards & Variable Display Boards APIs to provide <ul style="list-style-type: none"> Status of Devices Flood Level 	API provided to the CCC platform which , can be then be used to display data on any Display Media or / and can share to other platforms like web or mobile applications
14	Support System	<ul style="list-style-type: none"> Alerts for outages Alerts for Device working on Battery/Mains Alerts for Water Level 	



		crossing the breakpoint level	
		<ul style="list-style-type: none"> ● Remote configuration of Sensor 	
15	Element Management System	<ul style="list-style-type: none"> ● Device Listing & Details ● Device Availability ● Device Polling status ● Device Outage status ● API Usage Report ● Control on Email alerts for device downtime ● Weekly & Monthly trends ● Historical data 	
16	Data Analytics	Analysis of rain fall data with the flood data	
17	Data Collection		Data from Sensors sent to PAQS cloud located in India and available as secure REST APIs for IOT platforms/other applications.
18	Power Requirements	230V AC 50 Hz	



Flood Sensor