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**Waste
Filling Sensor
EV-F22x**

EV-F22x is perfectly engineered to monitor the fill level of waste bins or containers with wide detection range of 20 to 400 cm, its configurable reporting interval made it flexible to user requirement depending on the application. The device is environmental proof with IP65 rating and can detect over temperature and fire incidents.

Specifications

Distance measurement	Ultrasonic beams 15° angle
Minimum distance	15 cm
Maximum distance	400 cm
Measurement	Multi measurement with weight approximation
Temperature measurement	YES
Overturn measurement	YES
Networks supported	Cellular Network 2G Cellular Network 4G (Optional) LoraWAN (Optional)
Communication protocol	JSON Message based
Measurement times	24 times a day (configurable)
Power supply	up to 6 years
Batteries voltage and capacity	3.7V
Batteries type	Lithium-thionyl chloride – Li-SOCl ₂
Battery replaceable	YES
Weight batteries included	800 g
Weight battery excluded	600 g
Size (h/w/d)	70 mm/210 mm/90 mm
Mounting options	Screws/Clench/Rails
Ingress Protection	IP65
Temperatures range	-10°C to + 70°C
Humidity level	0 - 100



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