

The SmartGuard SG6-P is a remote monitoring device featuring an integrated capacitive probe for measuring fuel levels.

Level data is collected wirelessly using the mobile phone network and can be viewed and downloaded from a browser or via an API.

SMS and email alarms are server generated for key events.



Type	SG6-P
Sensor	
Mounting	1inch BSP.
Medium	Diesel, Gasoil, Kerosene, Lube Oil and others.
Accuracy	1mm resolution, typical 0.6% FSD.
Fittings	Supplied. Requires 25mm hole cut or existing 1 inch BSP female thread.
Length	120cm. standard other sizes optional up to 300cm.
Data	
Memory	The SG6 retains last five readings. The internet service retains all data.
Logging rate	Level data is transmitted to the internet service on a variable period from 1 hour to 99hours. Typical is once every 24 hours.
Sample Rate	Readings are check every 3 minutes to detect changes. Alarms are transmitted instantly to the internet service and alarm recipients.
Alarms	Fast drop and fill
Connectivity	
Antenna	Internal, external option for very low signal areas.
Methods	GSM, GPRS, eMTC (LTE Cat-M1), NB IoT and SigFox
Network operator(s)	The smartguard supplied SIM and service allows worldwide service
SG6	
Power	A replaceable spiral wound lithium battery. Up to 5 years life in normal operation (1 transmission a day)
Ambient Temperature	-20°C to +85°C
Size	65 x 80 x 80mm
Ingress Protection	IP65
Colour	Black
Options	
Sensor length 1.2M	SG6-P 1.2M
Sensor length 1.5M	SG6-P 1.5M
Sensor length 3.0M	SG6-P 3.0M
Extension cable 3 Meters	SMA extension antenna cable SMAE-300
External antenna	Stubby antenna SMAEA-003C
Wall/mast mount antenna	High gain antenna with 5M cable EXTGSM-024A