

StorMonitor – Electromagnetic Storm Detector

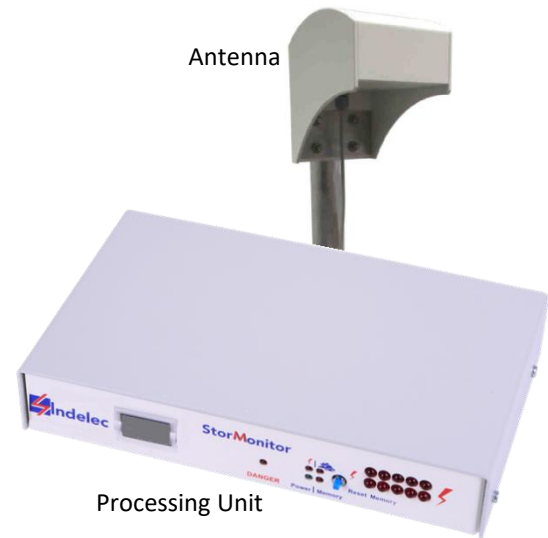
The StorMonitor is an electromagnetic type thunderstorm detector. It registers storm activity and lightning discharges within a 15 km radius from its antenna.

The StorMonitor provides alert information to the site operation manager :

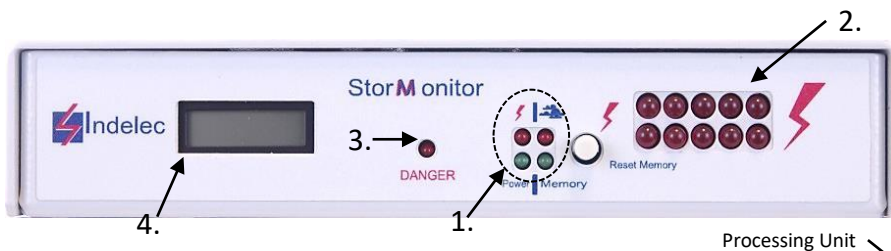
- triggering relevant alarms of nearby or approaching storms.
- registering storm events.

On average, these alarms provide a lightning strike warning time of 15-30 minutes .

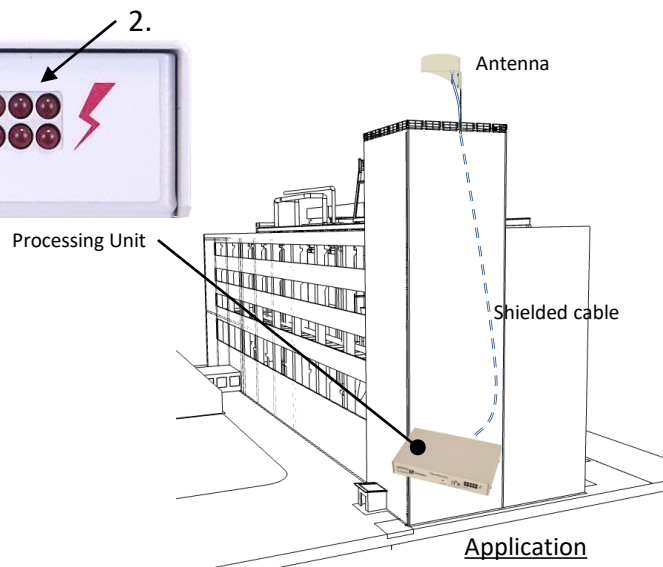
During a thunderstorm, lightning strikes radiate electromagnetic waves that are detected by the StorMonitor antenna; signals are transmitted to the processing unit which delivers real-time lightning strikes intensity and thunderstorm activity.



Characteristics	P90040	
	Antenna	Processing unit
Dimensions (H x L x P)	188 x 168.5 x 123 (mm)	42 x 195 x 127 (mm)
Weight	0.720 kg	0.760 kg
Protection class	IP 55	IP 30
Connection (included)	Shielded cable (15m) + RJ45 connector	24 VDC power supply unit
Consumption	/	50 mA
Maximum detection radius	15 km	/
Operating temperature	-20°C à +60°C	
Standards	IEC 62793, CEM 2014/30/UE	



1. Storm activity and memory
2. Real-time lightning intensity
3. Danger storm alarm + internal buzzer
4. Storm alarms counter



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