



The FD-310A Fog Detector is a single station, backscatter device using modulated infrared light to monitor visibility over a range of 0.5 to 4 nautical miles.

FEATURES:

- Easy to install on a single pole
- Lightweight and compact
- Low Power Consumption
- 10 to 36v dc
May be battery, solar or mains operated
- Automatic Self Checking
- Sealed casing
- Single fog Threshold

Automatically adjusts for accumulation of dirt on lens panel with no effect on performance.

Minimum maintenance.

Reliable state of the art electronics – no moving parts.

Adjustable sampling times. Prevents false response to objects moving into the sampling zone.

Remote monitoring of both fault and fog threshold level via RS-232

FD-310A FOG DETECTOR

Type:	FD-310A
Fog Signal Operating:	One fog threshold in the range of 0.5 to 4.0 nautical miles (adjustable via RS-232)
Sampling Zones:	2-12 metres approximately
Sampling Time:	12 sec's every 2 minutes (adjustable via RS-232)
Light Wavelength:	0.94 μ m
Pulse Frequency:	14.4kHz
Operating Temperature:	-25°C to +70°C
Supply Voltage:	13 – 36v dc
Current Drain at 12v dc:	50mA in low current mode 100mA in fail-safe mode
Threshold Relay Contacts:	1 off no-volt, change-over contact
Remote Alarm Output:	1 off no-volt, change-over contact
Mounting:	50mm pole mounting standard
Dimensions:	341mm x 480mm x 638mm H x W x L
Net Weight:	12Kg

