



## Fog Detector FD-201

Fog detector FD-201 is a new generation of equipment measuring meteorological optical range. 45 Deg of scattering angle makes sure the accuracy of measurement, even in snow season. FD-201 contains high speed of data processing unit and has self-checking function. It can be used in navigations field as well as in environmental field, meteorological station etc.

### Main Features:

- Robust construction structure for continuous monitoring
- Unique double scattering angle receiver to lower or even avoid the interference of sun light and other lights as well.
- Lens are dust-proof and mould-proof processed
- Easy maintenance and calibration.
- Set-up and save function.
- Can monitor battery and infrared light source
- Can be connected to sound emitting system (foghorn) for automatic sounding when fog reaches set-up limite.

### Specifications:

- Range: up to 10kms
- Accuracy: +/-10%
- Forward scattering angel: 39-51 Deg
- Peak wave length: 870nm
- Width of wave: 100nm
- Spectral response: 870nm, 0.65a/w
- Power consumption: 6 w max
- Wind speed: 0 - 60m/s
- Interface: RS232, RS485 or GPRS
- Power supply: DC or solar powder
- Protection grade: IP65
- Working temperature: -45 - 60 Deg C
- Weight: 15kgs



Notes: Specifications could be changed without notice in advance.  
Please consult local agency or manufacture for details or updates