

# DUST MONITOR

## Model Dust Monitor 3445 / 3445D

The Dust Monitor Model 3445 is real-time and continuous monitoring sensor for environmental aerosol particles such as dusts, fumes, and smoke by light scattering principle.

This Dust Monitor is especially suitable to monitor the aerosol concentration of sub-way station environment. Model 3445 is high detecting sensitivity sensor can be able to used for monitoring the aerosol concentration in the office, tunnel, theater and other large scale store buildings.



### Feature

- Real-Time display of dust density through the display panel(3445D).
- Easy to installation and move to other place.
- Real-Time data stored of Measuring value use to attached data logger(Optional).
- Measurement real-time 24 hours
- Can be installed on the wall use by bracket or use the tripod of the camera.

## Specification

Model	DUST MONITOR 3445
Principle	Light scattering
Light source	Semi-conductor Laser Diode
Measuring dust size	PM10(under 10 $\mu$ m)
Measurement range	0 ~ 1,000 $\mu$ g/m <sup>3</sup>
Resolution	Under $\pm$ 10%
Operation Temp.	0 ~ 50 $^{\circ}$ C
Output	4 ~ 20mA
Power supply	AC220V, 50/60Hz
Dimension	320 x 235 x 115mm
Weight	5.5Kg



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