Smart Factories

Clean rooms require a high quality environment since the product can be effected by the dust. Thus a low number of environmental pollutants such as dust, airborne microbes, aerosol particles, and chemical vapors need to be ensured. Besides the clean room environment, the overall equipment effectiveness (OEE) can be monitored to be at the optimum level or improve the overall OEE.

● For monitoring the environment, the temperature and humidity sensor can be implemented with WISE-4000 series to get real-time information. The tower light status can transferred as signals to reduce the effort of operators monitoring the lights.

Cloud

WISE-4000 Series

Temp

Humidity

Tower Light

Dust Sensor

ADVANTECH

Enabling an Intelligent Planet