

Abstract

Most gases in our daily lives are colorless and tasteless (eg, carbon monoxide, methane, etc.). We can not tell if the gas in the air is safe with olfaction, so we use gas sensors to detect airborne substances and monitor the air. Pollution. The principle of the gas sensor is to detect the gas in the gas containing a specific gas to the appropriate electrical signal (voltage, current, resistance) can be monitored or measured into the components to achieve the purpose of detection. The gas sensing element, combined with the Arduino control panel and the control program, detects the presence of harmful gases in the environment. When a harmful gas is detected, it is uploaded to the cloud and the user can secure it via SMS and instant images. Our monitoring system uses our existing applications as our monitoring device, and installation of this device facilitates the user to view live images.