

IP Based Smoke Detection

Monitoring for smoke is an essential aspect of security and safety for any facility. AKCP's smoke detectors work with our sensorProbe and securityProbe base units to alert you and trigger alarms when smoke is present.

Network Monitoring

Easy to use and configure, the smoke detector has it's own SNMP OID for monitoring accross a network. Integration with third party management systems is possible, as well as centralized monitoring of all your deployed sensors in our central monitoring software, AKCess Pro Server.

Photoelectric sensing technology

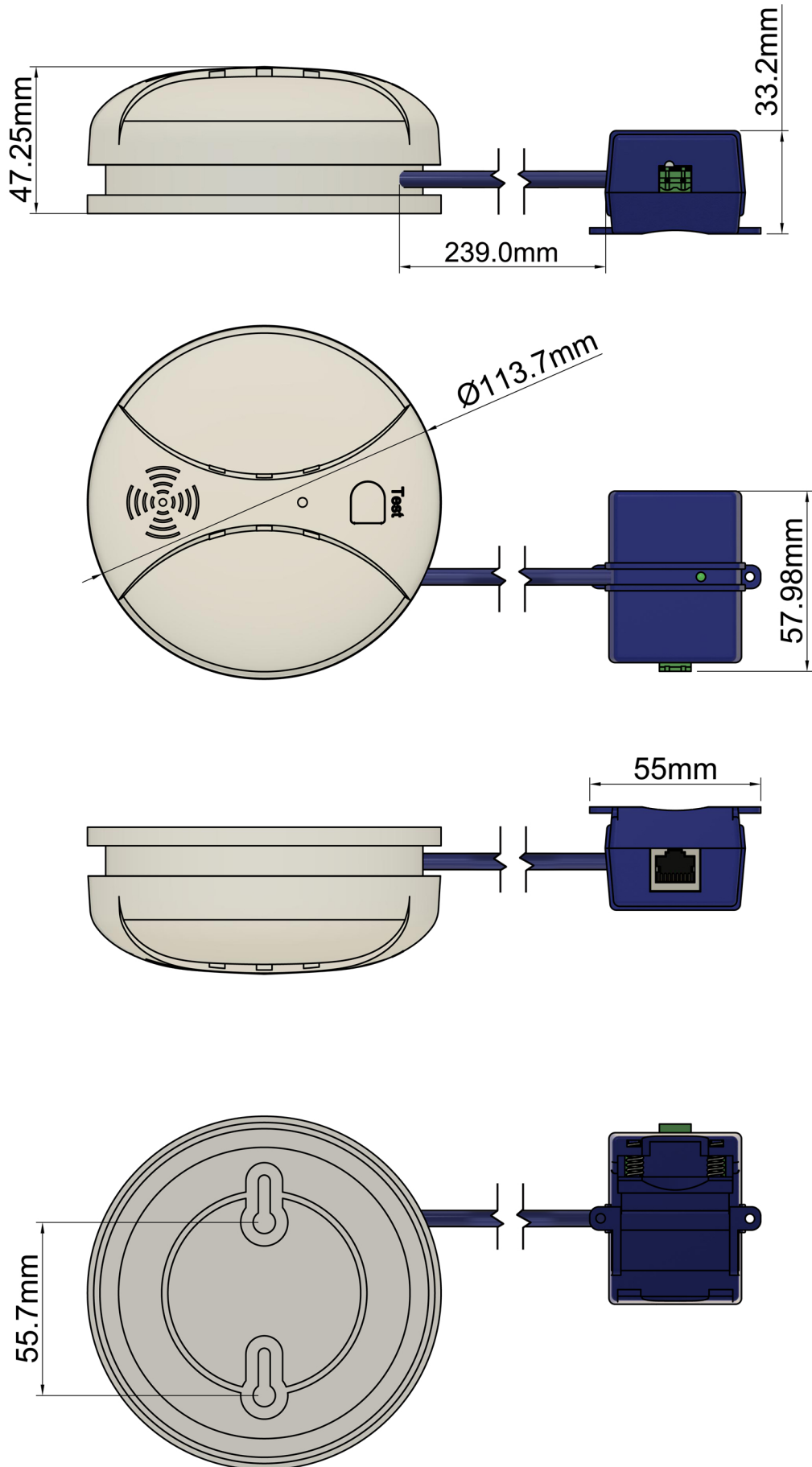
The smoke detector uses photoelectric sensing technology to detect particles of smoke in the sensing chamber. Unlike some other smoke detection sensing technologies, there is no shelf life for these sensors, with no need to replace them every few years.

Power

Powered by either the sensorProbe, or securityProbe base unit, or with it's own 9VDC battery, or combined both for battery backup power for maximum safety and security.



Technical Drawing



Technical Specifications

| | |
|---|---|
| Power supply | DC 9V battery |
| Standby current | <12 μ A |
| Alarm current | <10mA |
| Alarm sound | >85dB (3m) |
| Sensor type | Photoelectric |
| Battery life after low battery warning | >30 days |
| Temperature range | 0°C - 49°C (32°F - 120°F) |
| Humidity | 10% - 90 % RH (No icing or condensation) |
| Executive criteria | EN14604:2005; GB4715-2005; UI217 |
| Detecting area | 80m at 6-12m installation height; 60m at installation height <6m. |

- Low battery warning: smoke alarm will chirp once every 40s to remind user of replacing a new battery.
- Auto reset.
- Sound and flash alarm; alarm sound louder than 85 decibel with red LED flashing.
- Test button; tests unit's electronic circuitry, buzzer and battery function.
- SMT manufacture technology; high stability.
- Dustproof, mothproof technology and anti-white light interference design.
- Anti-RFI (20V/m-1GHz).

About AKCP

AKCP established in the USA in 1981, created the market for networked temperature, environmental and power monitoring solutions. Today with over 100 employees and 130,000 installations, AKCP is the world's oldest and largest manufacturer of SNMP enabled networked sensors for the data center.