

APPLICATION NOTE 152

ACD Multi-Sensor with CO - Mode Selection Guide

Your Safety, Our Technology

ESPintelligent



Description

Introducing the ACD Multi-Sensor with CO. The most sophisticated multi-sensor Hochiki has brought to market to date.

This revolutionary product offers a staggering 24 EN54 approved modes of operation, including combinations of smoke detection, fixed temperature heat detection, rate of rise heat detection, CO detection and COHb toxicity recognition; making it ideal for a broad variety of applications.

The ACD is also enhanced for false alarm reduction. In the modes featuring the Reduced False Alarm function (+RFA), the sensor will automatically adjust the sensitivity of the optical sensing element over time, learning from its surrounding environment from the moment of installation.

In this way the sensor remains as sensitive as it needs to be, based on its environment.

Recommended Modes Chart

| | ☀ Day | ☾ Night |
|--------------------------------|-------|---------|
| Hotel Room | 8D | 8D |
| Hospital Common Areas | 99 | 99 |
| Care Homes | 99 | 8D |
| Church or Cathedral | 8D | 99 |
| Boiler Room | 89 | 89 |
| Data Centre | 80 | 80 |
| Electrical Room | 80 | 81 |
| Laboratories | 8D | 8D |
| Warehouse | 89 | 89 |
| Workshop | 80 | 81 |
| Court Room | 8D | 99 |
| Above Control Panel | 83 | 83 |
| Bathroom or Toilet | 87 | 80 |
| Lift Shaft | 81 | 81 |
| Hallway or Corridor | 82 | 83 |
| Kitchen | 89 | 80 |
| Reception Area | 82 | 82 |
| Meeting Room | 8D | 8D |
| Office | 9A | 9A |
| Stairwell | 82 | 82 |
| Storage Room | 80 | 81 |
| Classroom | 8D | 8D |
| College or University Building | 9A | 99 |
| Student Accom* | 99 | 8D |

