

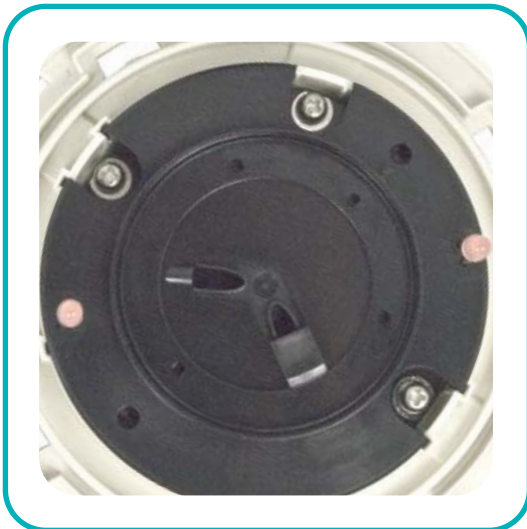
PHOTOELECTRIC SMOKE SENSOR



Model ALK-E is a Photoelectric Smoke Sensor, which is fully compatible with Hochiki's ESP Analogue Addressable Protocol.

The ALK-E incorporates Hochiki's unique High Performance Technology chamber, removing the need to use Ionisation Smoke Sensors in the majority of applications. This also allows the sensor threshold level to be increased, thereby improving the signal to noise ratio and reducing susceptibility to false alarms.

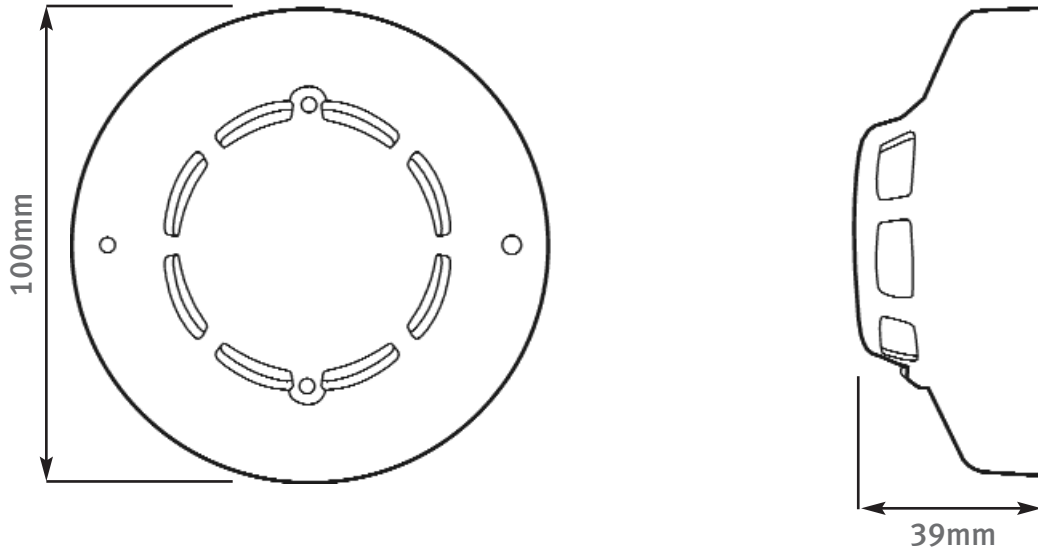
The ALK-E smoke chamber is easily removed or replaced for cleaning and utilises a unique baffle design which allows smoke to enter the chamber whilst keeping out ambient light.



- ▶ Removable, High Performance chamber
- ▶ Twin fire LED's allow 360° viewing
- ▶ Locking mechanism (sensor to base)
- ▶ Variable sensitivity
- ▶ Electronically addressed
- ▶ Backwards compatible with ALG-E and associated mounting bases
- ▶ Approved by LPCB & VdS

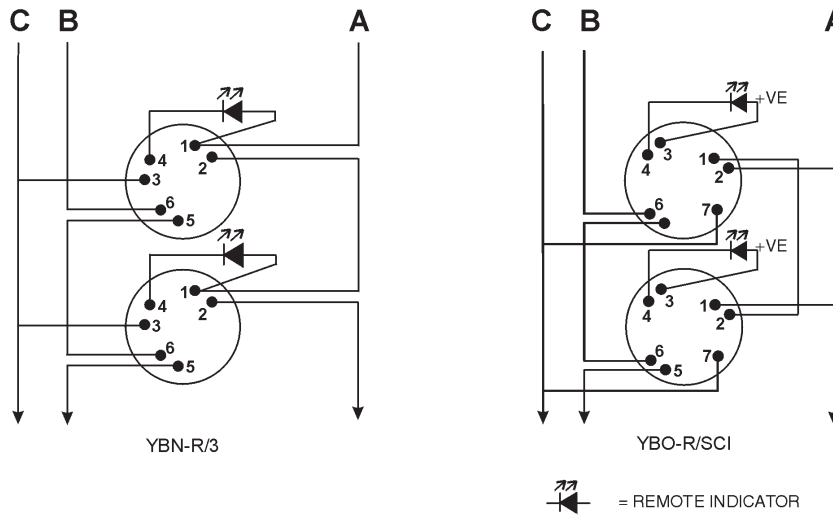


DIMENSIONS



WIRING

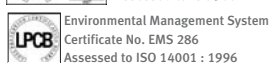
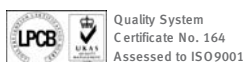
KEY: A Loop +ve, B Loop -ve, C Cable Screen



SPECIFICATION

Ordering Codes	Sensor	ALK-E ALK-E(WHT)
	Replacement Chamber	SLV/ALK REPLACEMENT CHAMBER
Operating Voltage		17 - 41Vd.c.
Low Power Mode (typ)		120µA
Quiescent Current (typ)		400µA
Alarm Current (controlled by CIE)		9.1mA
Transmission Method		Digital Communications Using ESP
Operating Temperature Range		-10°C to + 50°C
Storage Temperature Range		-30°C to + 60°C
Maximum Humidity		95%RH - Non Condensing (at 40°C)
Ingress Protection Rating		IP42
Colour / Case Material		Ivory or White / ABS
Weight (g)		90
Compatible Bases		YBN-R/3, YBO-R/SCI, YBO-BS, YBO-BSB, CHQ-BS
Base Heights (mm)		8 13 43 32
Base Fixing Centres (mm)		48 ~ 74
Approvals		LPCB EN54: Part 7 VdS EN54: Part 7 (G208038)

HOCHIKI EUROPE (UK) LIMITED
 Grosvenor Road, Gillingham Business Park,
 Gillingham, Kent, England ME8 0SA
 Telephone: +44 (0)1634 260133
 Facsimile: +44 (0)1634 260132
 e-mail (UK): sales@hochikieurope.com
 e-mail (Non UK): export@hochikieurope.com
 www.hochikieurope.com



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