

BEAM SMOKE DETECTORS



SPB-ET

Both models utilise a near infra-red beam to detect the presence of smoke and can be integrated onto Hochiki's ESP Analogue Addressable Protocol system via the CHQ-Z Dual Zone Monitor or the CHQ-MZ Mini Zone Monitor.

The infra-red beam is pulsed to reduce the overall current consumption and improve the noise rejection characteristics, both models are powered directly from a conventional zone:

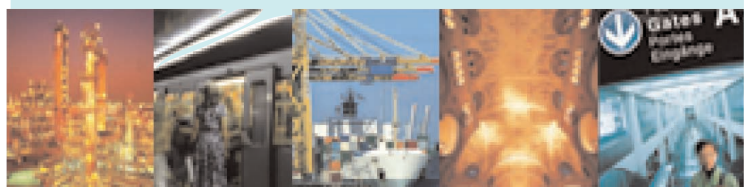
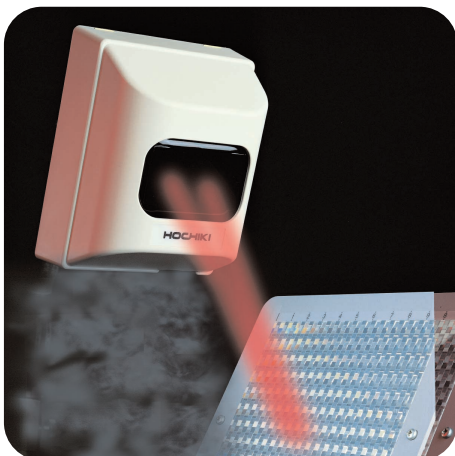
Model **SPB-ET** is a two wire beam detector that consists of an emitter and receiver that cover a distance of 5 - 100m providing a maximum coverage of 1500m². The emitter and receiver are synchronised via a two-wire link, which also supplies power to the emitter.

Model **SRA-ET** is a reflective beam detector comprising of an emitter/receiver unit and reflector plate that works over a distance of 5 - 30m, providing a maximum coverage of 450m².

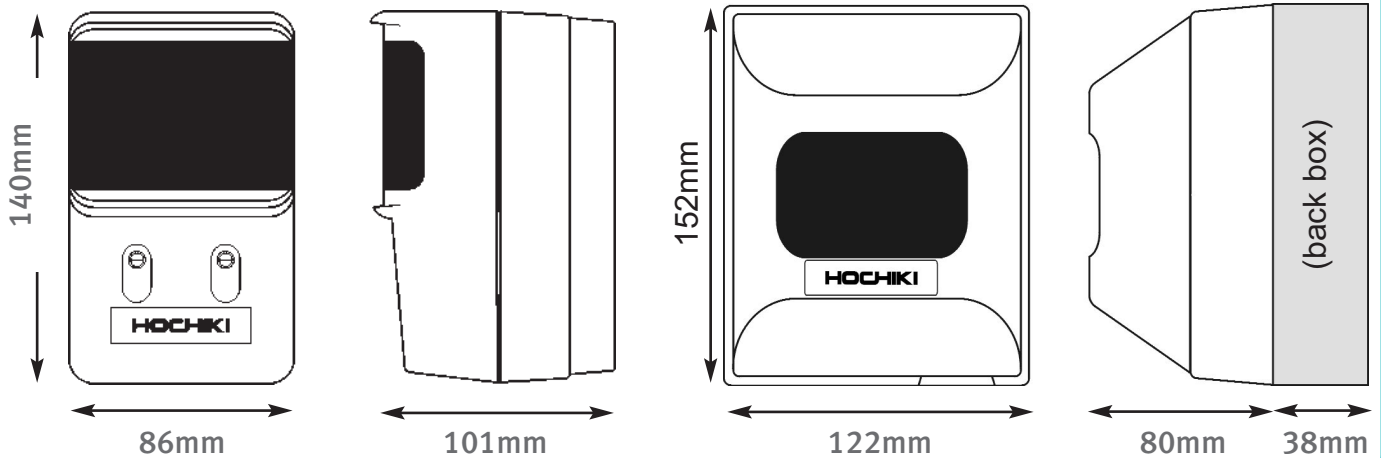


SRA-ET

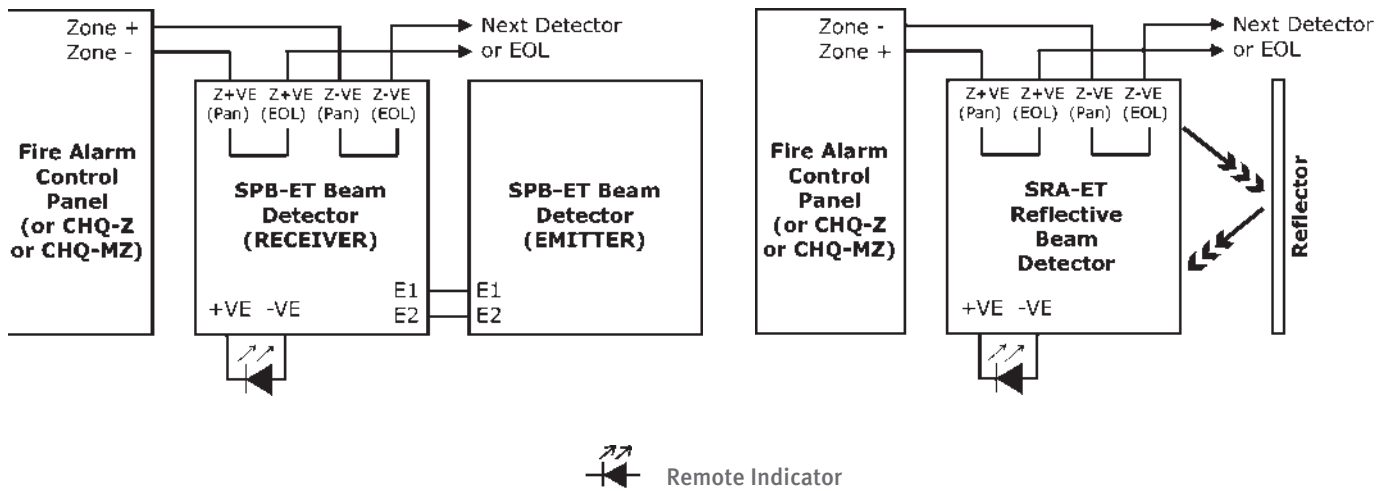
- ▶ Powered directly from the zone
- ▶ Full line continuity options
- ▶ Automatic compensation
- ▶ Test Filters
- ▶ Approved by LPCB & VdS



DIMENSIONS



WIRING



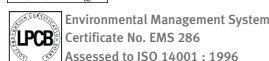
SPECIFICATIONS

Ordering Code	SPB-ET*
Operating Voltage	15 - 33Vdc
Quiescent Current (typ)	240µA
Maximum Current In Alarm	50mA
Operation Range (m)	5 - 100 (between emitter & receiver)
Sensitivity Range	25%, 50% and 70% obscuration (selectable)
Operating Temperature Range	-10°C to +50°C
Storage Temperature Range	-30°C to +70°C
Maximum Humidity	95%RH - Non condensing (at 40°C)
Colour / Case Material	Ivory White / ACS
Weight (g)	(Receiver) 685 (Emitter) 600
Line Continuity Options (Int. Kit)	Schottky/Zener
Approval	LPCB (BS5839 Part 5)

*(Supplied with either Interface Kit or Fixing Brackets)

Ordering Codes	SRA-ET SRA B/BOX (Back Box)
Operating Voltage	15 - 30Vdc
Quiescent Current (typ)	350µA
Maximum Current In Alarm	50mA
Operation Range (m)	5 - 30
Sensitivity (fixed)	30%
Operating Temperature Range	-10°C to +50°C
Storage Temperature Range	-30°C to +70°C
Maximum Humidity	95%RH - Non condensing (at 40°C)
Colour / Case Material	Ivory White / ABS
Weight (g)	(SRA-ET) 700 (Reflector) 50
Line Continuity Options	Schottky/Zener
Approval s	LPCB BS5839 Part 5 PrEN54 Part 12 VdS PrEN54 Part 12 (G200080)

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