



MODEL NUMBER

EVO24010H

HYBRID POWERED

240V AC MAINS AND/OR 10 YEAR BATTERY

OPTIONAL RF MODULE



PHOTOELECTRIC SMOKE ALARM



DOUBLE MESH PROTECTION



ADVANCED SPLIT SPECTRUM TECHNOLOGY



E-MEMORY FUNCTION & LIFETIME MEMORY



RF OPTIONAL



ECHOTAG MOBILE APP

Designed to handle almost any installation, the EVO24010H photoelectric smoke alarm delivers unmatched flexibility through its hybrid power design. It can be installed as either a 240V AC mains-powered smoke alarm with a sealed 10-year lithium back-up battery OR powered by its sealed 10-year lithium battery as the primary power source. Equipped with built-in EchoTag technology for advanced diagnostics, the EVO24010H can also be upgraded with the optional RF Module to enable wireless interconnection with compatible RF enabled Emerald Alarms. *RF Module sold separately*

FEATURES

- Advanced photoelectric detection
- EchoTag Technology and diagnostic reporting
- Optional RF wireless interconnection
- One-touch Test/Hush control
- E-Memory event history
- Mechanical on/off
- Requires a qualified professional (i.e. an electrician) for 240V AC mains power installation

COMPATIBLE WITH:

- Emerald EVO RF Module (EVOMOD)
- Emerald RF enabled alarms
- Emerald SafeLink Wi-Fi Hub and SafeLink mobile app
- Emerald Smoke Alarm Controller (EP-SA-CONT-RF)

PHOTOELECTRIC SMOKE ALARM HYBRID POWERED

240V AC Mains and/or 10 Year Battery
Optional RF Interconnect

TECHNICAL SPECIFICATIONS

POWER SUPPLY	240V AC mains power supply with 10 year non-replaceable 3V lithium back-up battery OR 10 year non-replaceable 3V lithium primary battery
SENSOR TYPE	Photoelectric optical chamber with advanced split spectrum technology
INTERCONNECT	Connects with up to 24 Emerald 240V alarms when hard wired. Optional wireless radio frequency (RF) technology when used with EVOMOD, connects with up to 40 Emerald RF enabled alarms. <i>EVOMOD sold separately</i>
WIRELESS DISTANCE	>20m (100 m outside)
MOUNTING OPTIONS	Ceiling or wall mount
ACTIVATE	Activate: Rotate and click the alarm into place on the mounting plate. Beep will sound and the LED light up once Deactivate: Disengage the mounting plate by rotating and unclicking the alarm
TEST/HUSH BUTTON	Checks alarm function Press the Test/Hush button for 1 second during alarm, this temporarily silences the device for approximately 8 minutes Press the Test/Hush button once during Low Battery Warning or Fault Mode, this temporarily silences the device for approximately 10 hours
LED INDICATOR	Green LED: Power Red LED: Standby mode, fire alarm mode, test, silence mode, do not disturb mode, E-Memory function and Lifetime trigger alarm history, wrong wiring reminder and EchoTag Yellow LED: Low battery and fault mode
SOUND PATTERN	ISO 8201
ALARM VOLUME	>85dB(A) @ 3m
NORMAL OPERATING AND STORAGE TEMPERATURE	0°C to 40°C
NORMAL OPERATING AND STORAGE HUMIDITY	≤93% relative humidity (non-condensing)
ECHOTAG	Advanced diagnostics data download via the EchoTag App
E-MEMORY	Records last alarm event
ENVIRONMENTAL PROTECTION	Stainless steel mesh protects the chamber from insects, dust and humidity
INSTALLATION	Screw pack and mounting plate supplied
DIMENSIONS	139 x 48 mm
WEIGHT	268.3 g
WARRANTY	10 years
STANDARDS	AS 3786:2014 & AS 3786:2023

PRODUCT DRAWINGS



Designed and innovated
by an Australian
owned business



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