WISUALARM

DHI-HY-SA30A-R8

Wireless Interconnected Smoke Alarm
with 10 Year Sealed Battery

KEY-FEATURES

· Split-spectrum sensor technology
· Test and silence features in one single button
· Loud sound output over 85 dB(A) at 3 meters
· Low quiescent current consumption
· Surface-mount device (SMD) circuit board design
· Low battery warning signal
· Built-in sealed battery (Unreplaceble), easy installation
· Silenced by a working infrared remote controller
· Wireless interconnected with maximum of 24 devices

TECHNICAL SPECIFICATION

Model Number	DHI-HY-SA30A-R8
Collection Type	Smoke
Sampling Period	9s
Working Principle	Photoelectric

ALARM

Alarm Type	Smoke alarm, fault alarm, low battery warning
Alarm Volume	85dB (A) at 3 m (9.84 ft)
Alarm Mode	Visual and audible alarm

Technical Specification

Silencing Function	Yes
Silence Duration	12 min
Infrared Silence	Yes
Pre-Set Alarm Value	0.2dB/m-0.3dB/m

Basic Parameters

Indicator Light	Alarm, fault and operation indicator
LED Instructions	Standby: Green indicator flashes once per minute Alarm: Red indicator flashes once per second Fault: Red indicator flashes once per minute Low battery warning: Red indicator flashes once per minute
Operating Frequency	868 MHz
Maximum Number of Interconnected Units	24pcs
Coverage Area	When the height of the space is less than 8 m (3.28 ft), the protection area of a device is 20 m2–40 m2

Power Supply

Battery Life	10 years
Power Source	3V CR123A lithium battery (non-replaceable)
Operating Current	Monitoring current: ≤ 15uA (avg.) Alarm current: ≤ 25mA (avg.)

Operating Ambient

Operating Environment	Indoor
Operating Temperature	c-10°C to +55°C (+14°F to +131°F)
Operating Humidity	≤ 95% RH (non condensing)

Appearance

Colour	White
Casing	PC+ABS
Dimensions	φ98 mm × H43.1 mm (φ3.85" × H1.70")
Weight	138 g (0.30 lb)
Installation	Ceiling Mount

Certification

Certifications	TÜV and CE listed
Compliance Standard	EN 14604:2005+AC:2008

Dimensions (mm [inch])

⌀98.0 [⌀3.86]

43.1 [1.70]