

# IoPhic® Smoke & Fire, Carbon Monoxide & Natural Gas Alarm

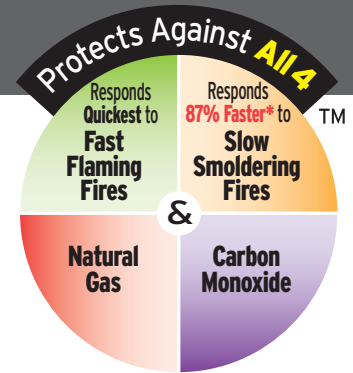
## 120 Volt AC Hardwired with Battery Backup

### Model MDSCN111



MicroProcessor  
—Intelligence—

The  
**First & Only**  
Alarm with  
**4 in 1**  
Protection



\* Compared to maximum allowable alarm time.  
UL217 Smoldering Test Profile Figure 45.3

**NEW 4-in-1 Smart Alarm** uses a single sensor to detect both CO & Natural Gas AND protects against **both** fast flaming & slow smoldering fires. Micro-processor Intelligence provides superior nuisance alarm resistance, along with temperature & humidity compensation, self diagnostics and Quick Find® alarm origination features. Perfect for new or replacement installations. This 120 Volt AC/DC hardwired alarm offers time-saving installation features, value & quality.

#### Features

IoPhic Universal Sensing Technology®

Patent pending microprocessor

Auto sensitivity calibration

Self-diagnostics feature

Ambient condition compensation

Quick Find® alarm origination feature

Quick activation pull tab

Universal mounting bracket

Larger mounting base

Product end-of-service life warning

Front-load battery drawer

Interconnectable

2 tamper resistant locking features

9 Volt battery backup

#### Benefits

Responds **87% Faster\*** to slow smoldering fires **AND** responds quickest to fast flaming fires

Virtually eliminates nuisance alarms caused by non-hazardous sources such as cooking smoke

Prevents nuisance alarms and provides consistency

Performs a status check upon power up to ensure alarm is functioning properly

Automatically adjusts sensitivity for changes in temperature & humidity, reducing nuisance alarms

Patented feature easily identifies first alarm to sound in interconnected system

Preserve battery life. Preinstalled battery is quickly activated without removing alarm from bracket

Fits any standard wiring junction box, single gang, round or octagon, up to 4"

Covers drywall imperfections and old paint marks

Sounds when it is time to replace the alarm in approximately 7 years from the date of activation

Replace battery without removing alarm from bracket

Up to 24 USI or Universal brand devices using existing wiring and mounting (battery drawer models)

Prevents unauthorized alarm and battery removal

Provides continuous protection in the event of power outage

#### Technical Specifications

Sensor Type:	IoPhic® Universal Sensing Technology
Primary Power:	120 Volt AC 60 Hz
Battery Backup:	9 Volt <b>Energizer</b> alkaline battery (included)
Audible Alarm:	85 dB at 10 feet
Temperature Range:	32° F to 100° F (0° C to 38° C)
Humidity Range:	10% to 95% RH
Interconnect:	Maximum 24 USI/Universal devices
LED:	4 LED's: alarm, power, CO, gas
Size:	5.63" x 5.63" x 1.75"
Warranty:	7 year limited

#### Regulatory Compliance:

California State Fire Marshal (CSFM)  
National Fire Protection Association (NFPA)  
Housing and Urban Development (HUD)  
Federal Housing Authority (FHA)  
UTGT / UTHA / CZHF (UL)



MODEL	BRAND	Box or		SHELF PACK (in.)		WEIGHT (Lbs.)	UPC CODE	QTY	MASTER CTN (in.)		WEIGHT (Lbs.)	I2 of 5
		Clam	QTY	L x W x H					L x W x H			
MDSCN111	USI	Box	1	5.75 x 8.75 x 1.75		0.65	0-42741-00111-3	4	7.25 x 6.25 x 8.00		2.87	1-00-42741-00111-0

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Rev. 72812 CM116

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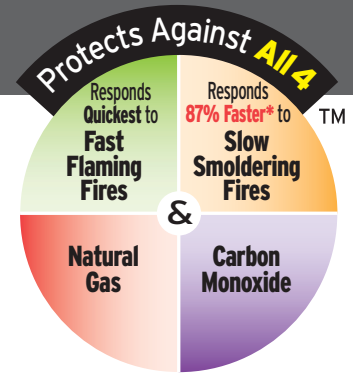
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