

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

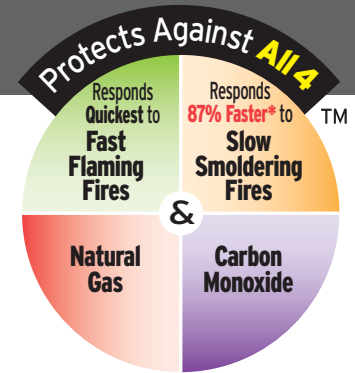
## 120 Volt AC Hardwired with Battery Backup

### 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

#### Benefits

IoPhic Universal Sensing Technology®	Responds <b>87% Faster*</b> to slow smoldering fires <b>AND</b> responds quickest to fast flaming fires
Patent pending microprocessor	Virtually eliminates nuisance alarms caused by non-hazardous sources such as cooking smoke
Auto sensitivity calibration	Prevents nuisance alarms and provides consistency
Self-diagnostics feature	Performs a status check upon power up to ensure alarm is functioning properly
Ambient condition compensation	Automatically adjusts sensitivity for changes in temperature & humidity, reducing nuisance alarms
Quick Find® alarm origination feature	Patented feature easily identifies first alarm to sound in interconnected system
Quick activation pull tab	Preserve battery life. Preinstalled battery is quickly activated without removing alarm from bracket
Universal mounting bracket	Fits any standard wiring junction box, single gang, round or octagon, up to 4"
Larger mounting base	Covers drywall imperfections and old paint marks
Product end-of-service life warning	Sounds when it is time to replace the alarm in approximately 7 years from the date of activation
Front-load battery drawer	Replace battery without removing alarm from bracket
Interconnectable	Up to 24 USI or Universal brand devices using existing wiring and mounting (battery drawer models)
2 tamper resistant locking features	Prevents unauthorized alarm and battery removal
9 Volt battery backup	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	UPC CODE	QTY	MASTER CTN (in.)		WEIGHT	I2 of 5
		Clam	QTY					L x W x H	(Lbs.)		
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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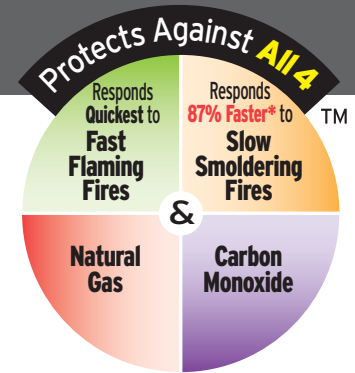
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