



FLAME DETECTOR
INSTANT FLAME DETECTION FOR THE HOME

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The First REAL Change in Fire Detection in Over 60 Years



Patent-Pending

YOU'LL
KNOW.



For Spaces Where Fire Should Never Be



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For spaces where fire should never be, Flame Detector constantly monitors the room and immediately alarms and notifies you once a flame is seen. **Nothing will detect faster than Flame Detector!**

For spaces where we live with flame, it gets a little more complicated, but all starts with the knowledge that unattended fires make up most fire tragedies. The key word is UNATTENDED. Flame Detector PRO assumes that any flame born in a space with a human is a **friendly flame**. That same flame born in a space without a human is therefore a **hostile flame**. Flame Detector PRO alarms and notifies instantly to hostile flame but remains silent to friendly flame. PRO is able to see the flame AND able to detect the human in the same space using an advanced radar and infrared motion sensing technology.

Adding to that intelligence, Flame Detector PRO will send push notifications after several minutes if the flame remains unattended. You simply acknowledge that notification or return to the space and all is well. However, if you fail to acknowledge the push notification (maybe you've dozed off), we escalate for attention by speaking "Unattended Flame" until a human arrives in the space.

To top it off, we have developed a **rate of rise algorithm** that looks for **unattended fire growth**. This feature ensures that any fire that grows in an unattended space results in an immediate alarm – just like a flame born in a space without a human. For example, a dishtowel catching fire from a gas range while you're away from the kitchen – **instant alarm!**

Quick + Easy Set-Up

Flexible
Mounting Options

Invite Others to receive
Emergency Notifications
on your behalf.



SENSITIVE FLAME SENSOR

Sensor detects 3/4" flame at 20 feet within 2 seconds



GET NOTIFIED

Notifications to your phone as well as a loud local alarm



STOP NUISANCE ALARMS

Flame Detector isn't activated by burnt toast, steam, or dust



SEES THE WHOLE ROOM

130 degrees of coverage



LONG BATTERY LIFE

Runs on three AA batteries for over a year



Wi-Fi

Easily add other Flame Detector units for whole-house protection

Fire detection in the home hasn't changed much since the 1960s.

In fact, while 96 percent of American homes have smoke alarms, fire deaths continue. And that's simply not good enough!

These tragedies make it clear that a one size fits all solution is not going to work which is why we have invented a new way of detecting home fires.

Introducing Flame Detector and Flame Detector PRO.

With Flame Detector and Flame Detector PRO you're able to tackle some of the leading causes of home fires and, for the first time ever, prevent them:

- Unattended cooking fires (some of the most common and deadliest)
- Candles left unattended (millions in lost property damage and thousands of injuries)
- Children playing with fire (often happens in the privacy of the bedroom)
- Electrical fires (also a common cause of fire in bedrooms)

WHY TWO DIFFERENT PRODUCTS?

Because there are two different spaces in your home:

1. Spaces you never want a fire - like children's rooms (**Flame Detector**)
2. Spaces where we live with fire - like kitchens and living spaces for candle users (**Flame Detector PRO**)

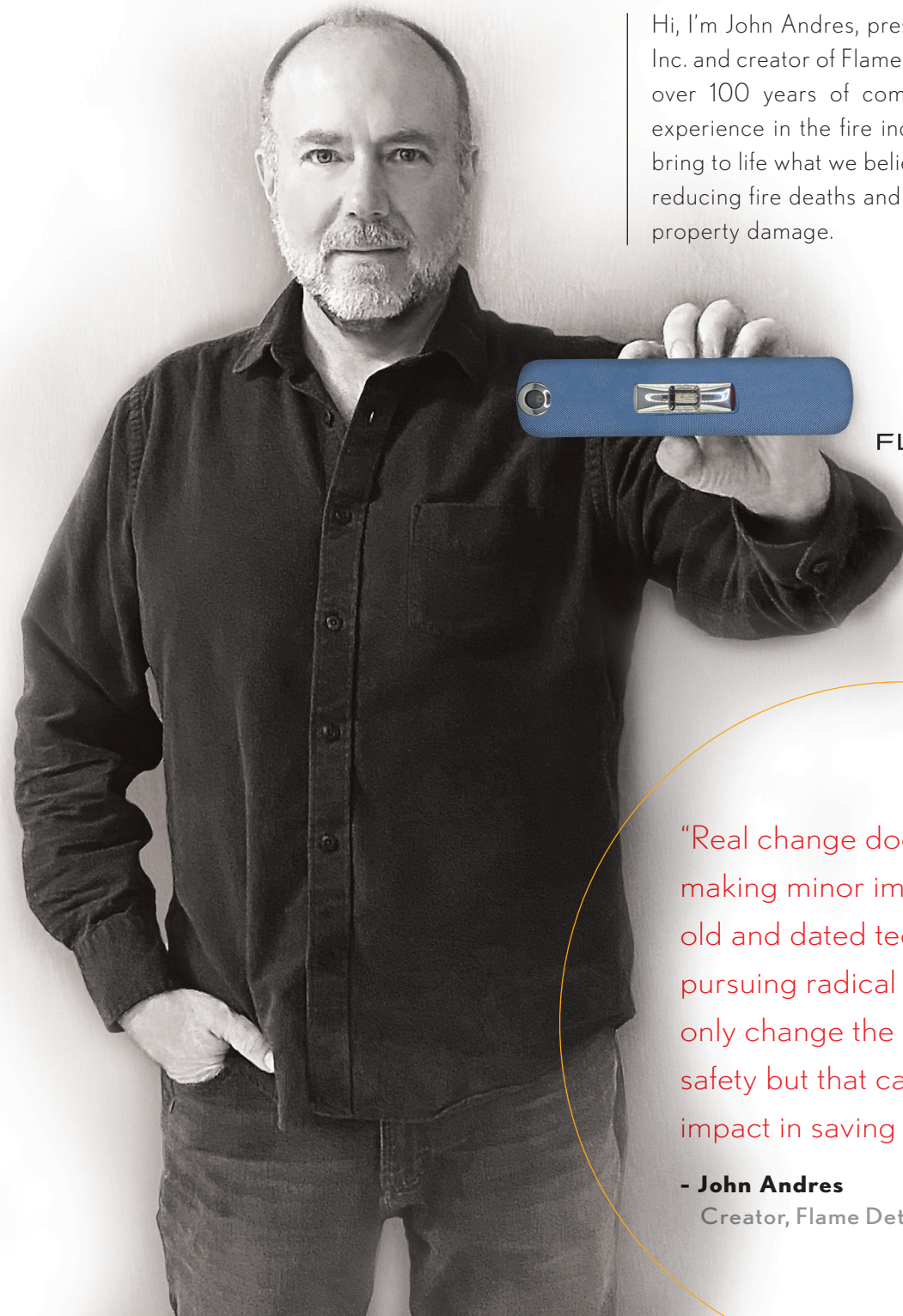
Hi, I'm John Andres, president of Forge Technologies, Inc. and creator of Flame Detector. My team and I have over 100 years of combined product development experience in the fire industry, and we are excited to bring to life what we believe will be a game changer in reducing fire deaths and injuries and saving billions in property damage.



FLAME DETECTOR

"Real change doesn't come from making minor improvements to an old and dated technology, but from pursuing radical improvements that not only change the way we think about fire safety but that can make a serious impact in saving lives."

- John Andres
Creator, Flame Detector





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TWO LIFE-SAVING PRODUCTS
How Do They Compare?



FEATURE	FLAME DETECTOR	FLAME DETECTOR PRO	COMMON SMOKE ALARM
Instantly Alarms to a Flame	✓	✓	X
Unattended Flame Reminder	Doesn't Allow Flame	✓	X
Can Prevent Unwanted Fires	✓*	✓ ⁺	X
Response Time to an Open Flame	< 2 Seconds	< 2 Seconds	Up to 240 Seconds
Sends Push Notifications	✓	✓	X
Notifies Via Wi-Fi	✓	✓	X
Audio Voice Commands	Some	Multiple	None
Battery Life	1 Year +	1 Year	1 Year

*Flame Detector triggers on very small flame and provides a significant amount of added time to respond and prevent a tragedy.

⁺By reminding you of unattended fires with push notifications that require a response, we are certain to make a huge dent in these deadly type fires. For example - leaving a candle burning when you go off to bed.

The First Proactive Fire Safety Product
for Spaces Where Fire is Part of Living

