

# Migration Solutions for Legacy Products

Upgrade from Legacy Flame to  
X-Series Detectors



# Advance Protection and Lower Cost

## OUR NEVER COMPROMISE ATTITUDE

Det-Tronics systems protect lives and valuable assets around-the-clock globally. We are driven to improve systems to reduce risk and advance protection.

**Why upgrade?** The latest generation products will:

- ▲ Meet or exceed current regulatory approval requirements
- ▲ Reduce the total cost of operation
- ▲ Speed installation and maintenance tasks
- ▲ Enhance user experience and interaction

**It's time to upgrade to a higher standard.**

## The X-Series Flame Detector Is an Advancement

Your local representatives can help you implement site-specific solutions tailored to meet your change requirements. Contact them today to begin the product migration process.



**Compared to legacy products, the X-Series flame detectors:**

Enhances performance

- ▲ Greater detection range
- ▲ Comprehensive onboard event logs
- ▲ Highly visible LED status indicator
- ▲ Better false alarm rejection capabilities
- ▲ More FM performance approved fire types

Reduces maintenance costs

- ▲ Longer 3yr / 5yr warranty
- ▲ On-board FM approved Oi test (no test lamp needed)
- ▲ HART field communicator compatible
- ▲ Better weather protection

## APPLICABLE LEGACY PRODUCTS:

- ▲ C705x controller based flame detectors
- ▲ U76xx unitized flame detectors

### C705X LIFECYCLE

MANUFACTURED EARLY 1970s–2011\*

SUPPORTED EARLY 1970s–FUTURE

\* The C7050B high temp is currently available for purchase.

### U76XX LIFECYCLE

MANUFACTURED LATE 1970s–2003

SUPPORTED LATE 1970s–2019\*

\* Select UV sensor modules will be available after 2019.

### X-SERIES LIFECYCLE

MANUFACTURED 2002–FUTURE

SUPPORTED 2002–FUTURE

# Upgrade Specifics

## INSTALLATION REQUIREMENTS

Tools:	Screwdriver, wrenches, drill, conduit seal
Time:	30 minutes per unit
Power:	The X-Series draws more power. Evaluate existing power supply to ensure it is capable of supplying the power the applicable X-Series flame detector requires
Space:	Mounting arm on the X-Series is larger
Communication:	Pulse, Relay, 4-20ma, EQP, HART, Modbus
Wiring:	If in good condition and sufficient gauge, existing wire can be used

## ACCESSORIES

007819-002:	Inspector Connector
006097-001:	Laser Aimer
007255-001:	Laser Aimer Holder
007290-002:	Aluminum Mounting Hardware
007290-001:	Stainless Steel Mounting Hardware
007338-001:	X-Series Weather Shield
102740-001:	Magnet (one ships free with detector)
007739-001:	Magnet and Extension Pole
103363-001:	14mm Hex Wrench
103406-001:	Screwdriver
102991-001:	Black Static Cap for Calibration
001680-001:	Window Cleaner (6 pack)



## MAINTENANCE

Service:	Optics can be cleaned with isopropyl alcohol as needed
Parts:	Spare sensor modules and output boards are available and can be replaced without removing wiring or interfering with aiming
Functional Checks:	As required by local regulations
Warranty:	3 years – X5200, X2200, X9800 5 years – X3301
Aiming:	Only required at startup

## MAINTENANCE PLANNING

	Spares	Repairs
X-Series	Yes	Yes
U76xx	No	No
Legacy UV Tubes	Yes	No
Legacy IR Tubes	2018	2019

## SUPPORT MATERIALS

<b>X-Series</b>	
92-1068	Flame Brochure
77-1002	Detector Selection Guide
76-1010	X-Series Optical Integrity (Oi)
78-1027	X-Series Oi Test Magnet
<b>X3301</b>	
90-1218	Enhanced Spec Sheet
95-8704	Enhanced Instruction Manual
95-8736	Enhanced Pulse Instruction Manual
<b>X5200</b>	
90-1156	Spec Sheet
95-8546	Instruction Manual
95-8547	Pulse Instruction Manual
<b>X2200</b>	
90-1157	Spec Sheet
95-8549	Instruction Manual
<b>X9800</b>	
90-1160	Spec Sheet
95-8555	Instruction Manual

**SUPPORT MATERIALS AVAILABLE AT:**  
**WWW.DET-TRONICS.COM**



# The Global Leader in Fire and Gas Safety Systems

QUALITY // PROTECTION // SOLUTION // FLEXIBLE // FUNCTIONAL // RELIABLE // EXPERIENCED // ENGINEERED // ADVANCED

## Additional Product Migrations:



**LEGACY TX (U9500)  
DISPLAYS**



**FLEXVU® UD10/UD20  
UNIVERSAL DISPLAYS**

### KEY UPGRADE FACTS:

- ▲ Large, heated backlit display
- ▲ Onboard calibration logs
- ▲ Non-intrusive menu interface
- ▲ Easy install and legacy compatibility



**LEGACY (OPECL)  
LINE-OF-SIGHT DETECTORS**



**FLEXSIGHT™ LS2000  
LINE-OF-SIGHT DETECTORS**

### KEY UPGRADE FACTS:

- ▲ Easy to align—best in industry at staying aligned
- ▲ Best in industry warranty
- ▲ Decreased maintenance costs



**LEGACY (C706X)  
TOXIC GAS DETECTORS**



**GT3000  
TOXIC GAS DETECTORS**

### KEY UPGRADE FACTS:

- ▲ HART communication
- ▲ Onboard calibration logs and status LED
- ▲ Hot swappable replacement sensors
- ▲ One transmitter model for all gas types

Learn more about these products at [www.det-tronics.com](http://www.det-tronics.com) or speak to your local representative.



**FlexSonic® Acoustic  
Leak Detector**



**X3301 Multispectrum  
IR Flame Detector**



**PointWatch Eclipse® IR  
Combustible Gas Detector**



**FlexVu® Universal Display  
with GT3000 Toxic Gas Detector**



**Eagle Quantum Premier®  
Safety System**

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