DET-TRONICS
United Technologies

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

X-Series	
92-1068	Flame Brochure
77-1002	Detector Selection Guide
76-1010	X-Series Optical Integrity (Oi)
78-1027	X-Series Oi Test Magnet
X3301	
90-1218	Enhanced Spec Sheet
95-8704	Enhanced Instruction Manual
95-8736	Enhanced Pulse Instruction Manual
X5200	
90-1156	Spec Sheet
95-8546	Instruction Manual
95-8547	Pulse Instruction Manual
X2200	
90-1157	Spec Sheet
95-8549	Instruction Manual
X9800	
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 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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Det-Tronics is certified to ISO 9001:2008 in all manufacturing processes.

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