

# XF6 Series Fire Control Panels



Powerful combination addressable and wireless fire alarm control panel (FACP)

**XF6-100:** 6 onboard zones plus 1 LX-Bus for 100 zone expansion with touchscreen annunciator

**XF6-100K:** 6 onboard zones plus 1 LX-Bus for 100 zone expansion with 630F-R remote annunciator

**XF6-500:** 6 onboard zones plus 5 LX-Bus for 500 zone expansion with touchscreen annunciator

**XF6-500K:** 6 onboard zones plus 5 LX-Bus for 500 zone expansion with 630F-R remote annunciator



**Free Network Communication with Optional Cellular**



**Proven Reliability Suitable for Commercial and Industrial Installations**



**Full Range of Zone Expansion, Communication and Relay Output Capability**

## COMMUNICATION

Eight communication paths between the panel & monitoring center

Onboard 10/100 autosensing Ethernet

## OUTPUTS

Up to .5 amps 24 VDC smoke auxiliary output with OVC protection (switchable)

Up to .5 amps 24 VDC smoke auxiliary output with OVC protection (non-switchable)

Two 24V NAC circuits (2.5 amps), programmable with System Sensor, Wheelock, Gentex

## OPERATION

12,000 event buffer

Customizable check-in time and retry time

## MAINTENANCE

Two week inspection reminder

Built-in remote or on-site firmware upgrade capability

## ZONES

Industry leading wireless fire: up to 500 devices

Compatible with DMP zone expanders and other existing fire notification devices

## LANGUAGES

English, French, Spanish

## UL LISTING

UL 864 Listed, 10th edition

The XF6 provides **fire monitoring for any single site application**. The panel is enhanced by the onboard Ethernet connection that allows the use of network monitoring. The panel comes fully assembled from the factory.

## Communication

### Flexible Communication

The commercial fire panels have transitioned from dialer-focused communications to a true network and optional cellular communications approach, providing stronger, multi-layered panel communications that ensure a constant link between the panel and monitoring center.

### Network or Optional cellular Communication

Built-in 10/100 auto-sensing Ethernet connection enhances both standard and encrypted line security options. Both UDP and TCP are supported.

The panels may be used with the 263 Series Cellular Communicators as the sole path or backup path for commercial fire installations.

The check-in and fail time settings are programmed for five minutes. As the backup path, the 263 communicator provides the security of a communication link that continues to function, even when landlines are cut or compromised. The communicators can be used as a stand-alone communicator without the need for a backup.

### Eight Communication Paths

Configure up to eight communication paths between the panel and monitoring center. Each path has its own panel communication programming parameters and can be identified as either primary or backup. This enables installers to configure a reliable communication link, offering greater confidence that the panel will always be connected to the monitoring center.

## Maintenance

### Inspection Reminder

The exclusive Inspection Reminder feature automates the panel's inspection schedule and provides an audit report of when inspections are completed. Two weeks before an inspection is needed, the XF6 will send a reminder. Simply program the required interval in Dealer Admin™ and let the XF6 notify you when an inspection is due. When the inspection

is marked complete at the keypad, the schedule automatically resets.

### Communication Function Diagnostics

The enhanced diagnostic menu enables technicians to check network and cellular communication status and cell signal strength from the annunciator.

### Fire Drill and Walk Test

Users can test fire notification bells using the Fire Drill feature. A special code is also available for installers to test the system. The Walk Test allows a single technician to check the panel response to fire, CO and supervisory zones.

### Flash Updatable

The XF6 Series panels accept software updates using Dealer Admin™. This makes it easy to perform the flash update remotely any time new panel feature updates release.

## Zones

### Fire Zone Programming

Program zones for fire, fire verify, fire delay, presignal, cross zoning or fire supervisory. This flexibility allows the ability to match individual zone characteristics to the needs of any area in the fire installation.

### Zone Expansion

The system provides powered and non-powered Class B zone expansion utilizing the LX-Bus expansion modules.

## Operation

### Touchscreen Annunciator

The Fire Command Center mounted in the door displays system events and menu prompts, making it efficient and easy to use.

### Duct Detector

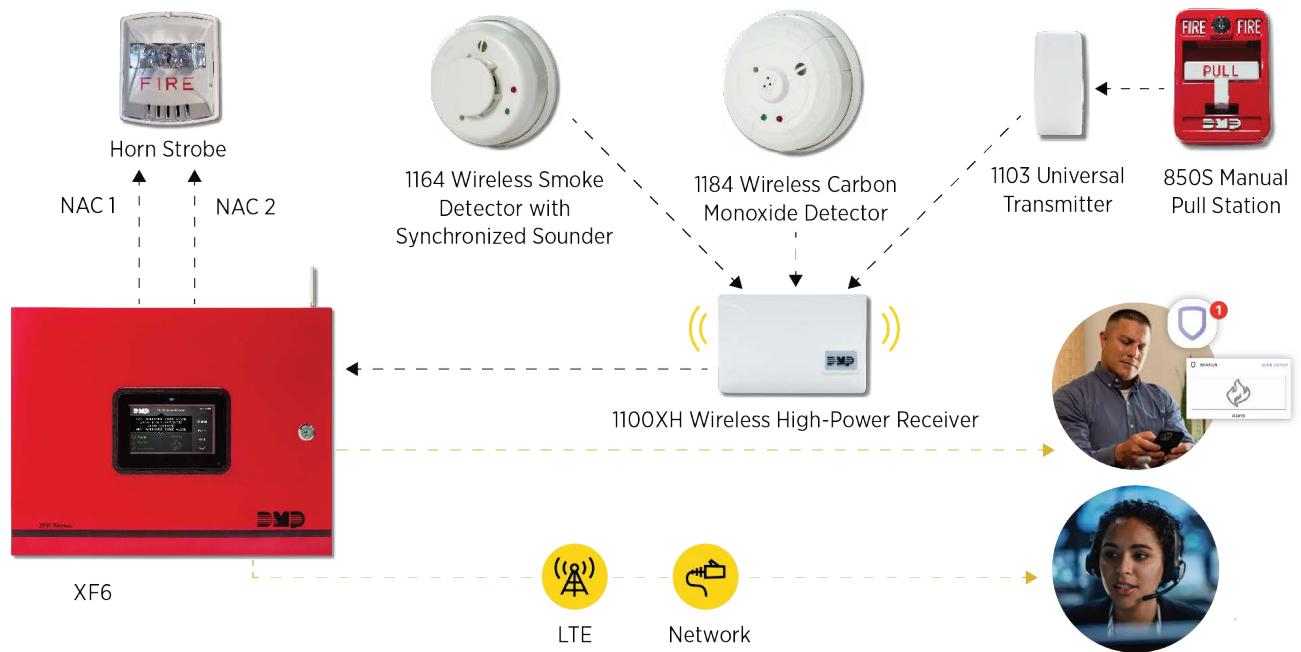
Addressable 711 and 711S modules for duct detectors are UL 864 Listed.

### Additional Models

The XF6 Series includes XF6-100K and XF6-500K. These models have the 630F-R remote annunciator installed in the door. The 32-Character LCD readout offers full-text displays of system events and menu prompts. The 630F is protected by either keyswitch or code.



# System Design



## ANNUNCIATORS

<b>630F</b>	LCD Remote Fire Command
<b>7830F</b>	Graphic Touchscreen Annunciators

(Add up to 7 annunciators on the XF6-100 and up to 15 on the XF6-500.)

## SMOKE/HEAT DETECTORS

<b>2W-BLX</b>	Conventional Smoke
<b>2WT-BLX</b>	Conventional Smoke/Heat

## PULL STATIONS

<b>850S</b>	Manual Pull Station Single Action
<b>850D</b>	Manual Pull Station Dual Action
<b>850S/711</b>	Single Action Pull Station w/ Zone Expander
<b>850D/711</b>	Dual Action Pull Station w/ Zone Expander
<b>850S/711S</b>	Single Action Pull Station w/ Zone Expander
<b>850D/711S</b>	Dual Action Pull Station w/ Zone Expander

## WIRELESS

<b>1100XH</b>	High Power Receiver
<b>1100R</b>	Repeater
<b>1103</b>	Universal Transmitter, External Contact
<b>1164</b>	Smoke Detector w/ Synchronized Sounder
<b>1164NS</b>	Smoke Detector w/ No Sounder
<b>1166</b>	Smoke Detector Ring
<b>1168</b>	Smoke/CO/Low Temp Detector
<b>1183-135F</b>	Heat Detector (Fixed)
<b>1183-135R</b>	Heat Detector (Rate of Rise)
<b>1184</b>	Carbon Monoxide Detector

## CELLULAR COMMUNICATORS

<b>263LTE-V/381-2</b>	LTE Communicator, Verizon
<b>263LTE-A/381-2</b>	LTE Communicator, AT&T
<b>263LTE-FN/381-2</b>	LTE Communicator, FirstNet

## EXPANSION MODULES

<b>711</b>	Single Zone Expansion
<b>711S</b>	Single Zone Expansion Module
<b>714</b>	Four-Zone Class B Expansion, Non-powered
<b>714-8</b>	Eight-Zone Class B Expansion
<b>714-16</b>	16-Zone Class B Expansion
<b>715</b>	Four-Zone Two-Wire Smoke Expansion, Powered
<b>715-8</b>	Eight-Zone Two-Wire Smoke Expansion
<b>715-16</b>	16-Zone Two-Wire Smoke Expansion
<b>716</b>	Output Expansion, four Form C relays, four open collector outputs

## AUXILIARY MODULES

<b>860</b>	Relay Output Module
<b>865</b>	Style W/X Notification Circuit Module
<b>866</b>	Style W Notification Circuit Module
<b>867</b>	LX-Bus Notification Circuit Module

## ACCESSORIES

<b>300</b>	Four-Wire Harness
<b>305</b>	Plug-In Output Relay
<b>431</b>	Output Harness

## MONITORING CENTER RECEIVERS

<b>SCS-1R</b>	Security Control Receiver
<b>SCS-VR</b>	(Virtual Receiver) Software-only solution that runs on a server for network IP and cellular communications

## DEALER MANAGEMENT

Dealer Admin

## END USER MANAGEMENT

Virtual Keypad

# Model Comparison

	XF6-100	XF6-100K	XF6-500	XF6-500K	XF6-100PCB	XF6-500PCB
Keypad Type	Touchscreen	LCD	Touchscreen	LCD	N/A	N/A
Onboard Zones	6	6	6	6	6	6
LX-Bus	1 (100 zone expansion)	1 (100 zone expansion)	5 (500 zone expansion)	5 (500 zone expansion)	1 (100 zone expansion)	5 (500 zone expansion)

## Specifications

### AGENCY LISTINGS & APPROVALS

<b>CSFM</b>	7165-1157:0505
<b>FDNY</b>	2023-TMCOAP-010023-AMND
<b>LAFD</b>	✓
<b>UL Listed</b>	ANSI/UL 864 Control Units for Fire Protective Signaling

For additional information, go to [DMP.com/Compliance](https://DMP.com/Compliance).

### ELECTRICAL

28 VAC 130 VA Wire-In Transformer

Maximum 12/24VDC output per circuit  
(cannot exceed 3.5 amps combined output)

#### 24 VDC Circuits

**NAC 1** 2.5 A

**NAC 2** 2.5 A

**Battery Charging** 2.3 A

**SMK/AUX**  
(special application) .75A

#### 12 VDC Circuits

**Annunciator** 1 A

**LX-Bus** .70 A each

**X-Bus** .70 A each

### ENVIRONMENTAL

**Install Location** Indoor/Dry

### PHYSICAL

**Dimensions** 13.44" H x 17.1" W x 4.8" D

### SOFTWARE

Dealer Admin

Virtual Keypad

### ORDER INFORMATION

XF6-100 XF6-500

XF6-100K XF6-500K

XF6-100PCB XF6-500PCB

### MARKETING RESOURCES

**LT-5049/25** XF6 Series Spec Sheet

**LT-5053/25** XF6 Dealer Playbook

### TECHNICAL RESOURCES

**LT-2777** XF6 Installation & Programming Guide

**LT-2715** XF6 Series Panel Programming Sheet

**LT-2779** XF6 Series Compliance Listing Guide

**LT-2518** XF6 Series Compliance Note

**LT-2792** XF6 Series System User Guide


**LT-2800** XF6 Series Operating Instructions

View these resources and more at [DMP.com/XF6](https://DMP.com/XF6).

## Three Ways to Order

 [Buy.DMP.com](https://Buy.DMP.com)

 [CustomerService@DMP.com](mailto:CustomerService@DMP.com)

 1-866-266-2826



DMP.com  
2500 N. Partnership Blvd  
Springfield, MO 65803

LT-5049/25 | 10/10/2024 | 800-641-4282

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