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 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 annunciator

Free Network Communication with Optional DualSIM 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
Two 24V NAC circuits (2.5 amps), programmable with System Sensor, Wheelock, Gentex

OPERATION
3,200 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. DualSIM models can use Verizon & AT&T networks. Choose to activate one provider or both.

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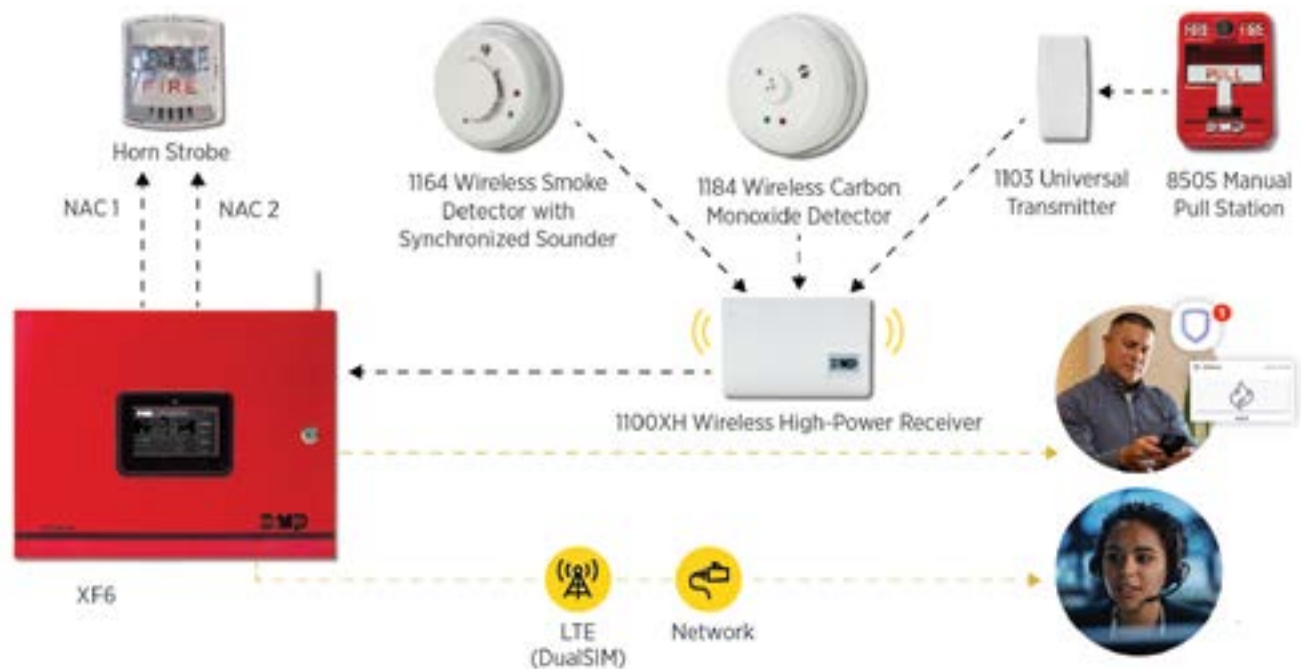
Duct Detector
Addressable 711 and 711S modules for duct detectors are UL 864 Listed.

Additional Models
The XF6 Series includes XF6-100K and XF6-500K. These models have the 630F 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

630F	LCD Remote Fire Command
7830F	Graphic Touchscreen Annunciators

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

SMOKE/HEAT DETECTORS

2W-BLX	Conventional Smoke
2WT-BLX	Conventional Smoke/Heat

PULL STATIONS

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

WIRELESS

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

CELLULAR COMMUNICATORS

263LTE-2/381-2	LTE Communicator, DualSIM
263LTE-FN/381-2	LTE Communicator, FirstNet

EXPANSION MODULES

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

AUXILIARY MODULES

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

ACCESSORIES

300	Four-Wire Harness
305	Plug-In Output Relay
431	Output Harness

MONITORING CENTER RECEIVERS

SCS-1R	Security Control Receiver
SCS-VR	(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

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

For additional information, go to 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
Panel Standby	90 mA
Alarm Draw	102 mA
7830 and Panel Standby	174 mA
7830 and Panel Alarm Draw	210 mA
630F and Panel Standby	128 mA
630F and Panel Alarm Draw	157 mA

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.

Three Ways to Order

Buy.DMP.com

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