

DMP Smart Devices Ensure Message Acknowledgement When it's Most Important

FDNY



Providing double the system security

Two-Way Supervised Wireless from DMP delivers unparalleled flexibility and simplicity without sacrificing power.

- Built-in device testing
- Simple programming
- Superior range
- Seamless integration with DMP panels and other hardwired devices

Whether the installation is new construction, an upgrade or retrofit, Two-Way Wireless from DMP gets the job done faster with less effort.

DMP LIFE SAFETY DEVICES 1100 SERIES WIRELESS

SYSTEM FEATURES

- Two-Way supervised communication
- Built-in Survey LED visually confirms communications
- Extended range and battery life
- 3, 60 or 240-minute supervision window; selectable by zone or output to maximize effectiveness
- Frequency-hopping 900MHz Spread-Spectrum technology
- Attractive and durable plastic housing for all units

1100 SERIES TRANSMITTERS

- 1103 Universal Transmitter
- 1161/1162 Residential Smoke Detectors
- 1165/1165H/1165HS Commercial Smoke Detectors
- 1181 Post Indicator Valve
- 1182 Outside Screw and Yoke Valve Supervisory Switch
- 1183-135F/1183-135R Heat Detectors
- 1184 Carbon Monoxide Detector

1100 Series Transmitters

900MHz SPREAD-SPECTRUM TECHNOLOGY

DMP wireless communication employs 900MHz frequency-hopping spread-spectrum to ensure clear and accurate signal transmissions without interference in practically any environment.

TWO-WAY COMMUNICATION

DMP wireless receivers supervise for transmitters that go missing. With Two-Way communication, each wireless transmitter communicates with the receiver using supervision messages. Each transmitter can be programmed for no supervision or a 3, 60, or 240 minute window providing flexibility and allowing increased security for those applications that require shorter supervision times.

When the receiver does not receive any supervision messages from the transmitter for the programmed window of time, the receiver reports the zone or output as missing to the panel and Central Station.

The on-board LED on all 1100 Series Transmitters provides built-in survey capability to allow for single-person installations, eliminating the requirement for an external survey kit.

EXTENDED BATTERY LIFE

Programming each wireless device with a specific communication test interval eliminates wasteful, repetitive signaling. By eliminating multiple rounds of repetitive signals, battery life is extended.

SIMPLE PROGRAMMING

No special equipment is needed to program the system! Assign wireless transmitters to zones or outputs during panel programming with Remote Link™ or from the keypad.

1161 & 1162 RESIDENTIAL SMOKE DETECTORS

The Model 1161 Smoke Detector with Sounder, and 1162 Smoke/Heat Detector with Sounder are wireless detectors for residential applications.

Model 1162 also offers a built-in fixed and rate-of-rise heat detector. The fixed temperature function responds to the 135° temperature setting and the rate-of-rise function detects and responds to a rapid temperature increase. When tripped, either function sends an alarm to the panel.

1183 WIRELESS HEAT DETECTOR

The 1183 Series is a reliable, ceiling-mount heat sensor available in two versions. The 1183-135F responds if the temperature exceeds 135°. The 1183-135R adds a rate-of-rise feature that responds if the temperature increases by 15°F per minute or more.

1184 CARBON MONOXIDE DETECTOR

The 1184 Carbon Monoxide Detector is the ideal choice for difficult-to-wire locations, applications where room aesthetics are critical, or where hazardous materials are present.

The sensor provides an early alert of potentially harmful levels of carbon monoxide in residential or commercial installations. In addition, it also transmits trouble, tamper, and low-battery messages to the panel.

COMMERCIAL FIRE APPROVED DEVICES FOR USE WITH THE XR100/XR500

1103 UNIVERSAL TRANSMITTER

Model 1103 Universal Transmitter is typically used in commercial fire or burglary door/window applications. It offers the same look and features as the 1101 transmitter, with the addition of a 470k end-of-line resistor and wall tamper switch.

1165/1165H/1165HS COMMERCIAL SMOKE DETECTORS

The Model 1165 Smoke Detector, 1165H Smoke/Heat Detector, and 1165HS Smoke/Heat Detector with Sounder include a tamper switch that sends a trouble signal if the detector is removed from the mounting base.

1181 POST INDICATOR VALVE

The model 1181 PIV is a weather proof and tamper resistant wireless switch for monitoring the open position of fire sprinkler control valves of the post indicator, butterfly and other types.

1182 OS&Y

The 1182 OS&Y Switch is used to monitor the open position of an OS&Y (Outside Screw and Yoke) type gate valve. The 1182 mounts conveniently to most OS&Y valves ranging in size from ½" to 12". The switch operates the external contacts of the wireless transmitter when the valve position is altered from an open state.

1103 TRANSMITTER SPECIFICATIONS

Battery Life Expectancy	5 years
Dimensions	
Transmitter Case	3.3" L x 1.6" W x 1.2" H
Magnet Housing	1.5" L x 0.5" W x 0.7" H

1161/1162/1165/1165H/1165HS DETECTOR SPECIFICATIONS

Battery Life Expectancy	1 year
Dimensions	
Detector	5.6" x 2.4"
Base	5.4" x 0.46"

1181/1182 VALVE MONITOR SPECIFICATIONS

Battery Life Expectancy	5 years
Dimensions	
1181 H	4.75" L x 2.25" W x 5.08" H
1182 H	6.19" L x 2.25" W x 5.88" H
Operating Range	-10° F to 120°F

1183-135F/1183-135R DETECTOR SPECIFICATIONS

Battery Life Expectancy	2 years
Dimensions	
Detector	5.8" x 2.2"
Heat Alarm Specifications	
Rate-of-Rise	15°F/min > 105°F
Fixed	135°F ± 5°F
Drift Compensation Adjustment	0.5%/ft. max

1184 DETECTOR SPECIFICATIONS

Battery Life Expectancy	2 years
Dimensions	5.8" x 2.2"

PATENTS

U.S. Patent No. 7,239,236

COMPATIBILITY

XT and XTL Series Panels:
1103, 1161, 1162, 1183-135F, 1183-135R, 1184

XR Series Panels:
1103, 1161, 1162, 1165, 1165H, 1165HS, 1181, 1182, 1183-135F, 1183-135R, 1184

FREQUENCY

Frequency Range 903-927 MHz

ACCESSORIES

CR123-FIRE 3.0V Panasonic Lithium Battery (for commercial fire devices)

LISTINGS AND APPROVALS

California State Fire Marshal (CSFM)
New York City (FDNY COA #6167)
FCC Part 15 Registration ID
Industry Canada ID
Underwriters Laboratories (UL) Listed

For additional approval information, access www.dmp.com and select Compliance.

