

# SPEC SHEET

## DMP Smart Devices Ensure Message Acknowledgement



### 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 1100 SERIES WIRELESS TRANSMITTERS

### 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

### TRANSMITTER FEATURES

- Internal case tamper for added security
- Programmable from panel keypad or via Remote Link™
- Selectable communication test intervals
- User-replaceable 3.0V Lithium batteries

### 1100 SERIES TRANSMITTERS

- 1101/1102/1103/1105 Universal Transmitters (UL)
- 1114 Four-Zone Expander
- 1116 Relay Output
- 1117 LED Annunciator

- 1118 Remote Indicator Light
- 1119 Door Sounder
- 1121 PIR Motion Detector
- 1125 PIR Motion Detector with Lens Adjustments (UL)
- 1126C/1126R/1126W Ceiling PIR Motion Detectors
- 1127C/1127W Wall Mount PIR Motion Detectors (UL)
- 1129 Glassbreak Detector
- 1131 Recessed Contact
- 1139 Bill Trap
- 1142/1142BC Two-Button Panic Transmitters (UL)
- 1145/1146/1147 Key Fob Transmitters
- 1161/1162 Residential Smoke Detectors (UL)
- 1165/1165H/1165HS Commercial Smoke Detectors (UL)
- 1181 Post Indicator Valve (UL)
- 1182 Outside Screw and Yoke Valve Supervisory Switch (UL)



Digital Monitoring Products

## TWO-WAY COMMUNICATION



Superior to traditional wireless equipment that just broadcasts the signal, DMP 1100 Series transmitters require an acknowledgement from the wireless receiver, indicating successful communication. This smart technology ensures that each and every communication is received and efficiently processed at the panel.

## 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.

## INCREASED SECURITY

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 for display and reporting to the Central Station.

## EXTENDED BATTERY LIFE

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

## 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.

## 1101 UNIVERSAL TRANSMITTER

The Model 1101 Universal Transmitter provides Internal and External contacts that may be used at the same time to yield TWO individual reporting zones from one transmitter. This functionality makes the 1101 perfect for applications where a door and window (or any type of N/O or N/C contact) are in close proximity.

## 1102 UNIVERSAL TRANSMITTER

Model 1102 Universal Transmitter provides the same look and reliability of the 1101 without an internal contact. Simply connect any Normally Open or Normally Closed contact to the 1102 Transmitter two-wire terminal block.



1101/1102/1103

## 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.

## 1105 UNIVERSAL TRANSMITTER

The 1105 Universal Transmitter is less than half the size of 1101/1102 series, providing for more mounting options and more discrete placement.

This 2-input transmitter is typically used for door/window applications. The internal and external contacts can be programmed to operate at the same time, providing two independent zones from one transmitter.



## 1114 FOUR-ZONE EXPANDER

The 1114 Four-Zone Expander increases the number of reporting zones available on DMP panels. The four zones can be used with burglary and non-powered devices.



1114/1116

## 1116 RELAY OUTPUT

The 1116 Relay Output provides a Form C (SPDT) dry relay contact rated for 1 Amp @ 30 VDC. Program the 1116 with a slow or fast response time to fit your application.

## 1117 LED ANNUNCIATOR

The 1117 LED Annunciator provides one remote LED that can be used to visually notify the user about conditions such as armed area annunciation, ambush alarm, burglary alarm, exit timer, entry timer, schedules, or communication failure.



1117/1118

## 1118 REMOTE INDICATOR LIGHT

The 1118 Remote Indicator Light provides one remote LED indicator for XR100 and XR500 Series Panels that visually indicates when a panic alarm has been activated. Install in a break room, storage area, or anywhere not visible to the teller line or lobby where a notification LED could be used.

## 1119 WIRELESS SOUNDER

This single-zone sounder serves as both a burglary and audible alert device, sending a signal to the panel while creating an audible tone. In retail/commercial applications, it provides a lower-cost alternative to sounders available as an add-on with crash bars. Connecting the zone input to a door contact allows it to trigger the sounder immediately.

## 1121 PIR MOTION DETECTOR

The Model 1121 PIR (Passive Infrared) Motion Detector with Pet Immunity is suitable for most residential or small commercial applications. With a generous coverage area of 90° 50' X 50', the 1121 is a favorite among security professionals.



**I 125 PIR MOTION DETECTOR**

Suitable for almost any application, the Model 1125 PIR Motion Detector includes a variety of lens configuration options. Use curtain masks to ensure proper focus for maximum security throughout the protected space. Select the Bi-Curtain or Standard mode operation depending on the sensitivity required for the application. Also select a 33' x 33' or 50' x 50' coverage area to ensure no space is left unprotected.



**I 126 SERIES PIR MOTION DETECTORS**

The 1126 Series PIR Motion Detectors are compact wireless motion sensors. Offering a 360°, Spot, Curtain, or Wide Angle version makes the 1126 Series flexible for a variety of ceiling mount applications. To save battery life, select YES for Disarm Disable in Zone Programming. This allows the 1126 PIR to be disabled for Night and Exit type zones while the area is disarmed.



**I 127 WALL-MOUNT PIR MOTION DETECTOR**

The 1127C curtain PIR covers a 50-foot detection area using a Fresnel lens. The 1127W wide-angle PIR covers a 36-foot by 84-degree angle area using a Fresnel lens, with pet immunity up to 40 pounds. Both versions exhibit excellent R.F.I. and noise immunity, and include a case tamper.

**I 129 GLASSBREAK DETECTOR**

Designed to detect the shattering of framed glass mounted in an outside wall, this sensor is also suitable for armor-coated glass. The 360° microphone can detect through blinds and light drapes within a 12' range and also recognizes the "quiet break" favored by experienced intruders.

Ideal where hardwired acoustic sensors are impractical, the 1129 incorporates Pattern Recognition Technology™ to ignore most false alarm sounds.



**I 131 RECESSED CONTACT**

The 1131 Wireless Recessed Contact provides concealed protection for doors, windows, or any other application needing a discreet contact. The on-board LED provides built-in survey capability to allow for single-person installations, eliminating the requirement for an external survey kit. The 1131 transmits Normal, Alarm, and Low Battery conditions.



**I 139 BILL TRAP**

Designed to provide a silent alarm option for cash drawer operators, the 1139 holds a trapped bill below a stack of bills. When the trapped bill is removed, a panic alarm is sent to the receiver.

To reduce the possibility of a false alarm, a programmable delay can provide time to replace the bill should it be accidentally removed.



**I 142 & I 142BC TWO-BUTTON HOLD-UP TRANSMITTER**

The Model 1142 and 1142BC Two-Button Hold-up transmitters are typically used as a panic alarm, but with a little imagination this transmitter can be used for a multitude of applications.



Use the optional belt clip and attach the 1142BC to your pocket or belt for local mobile protection.

Permanently mount the 1142 in an under-the-counter location with the included screws for UL installations.

**KEY FOB TRANSMITTERS**

The 1100 Series Key Fob transmitters are portable, water resistant, and designed to be clipped to a keychain or lanyard. The key fob LED provides visual acknowledgement when a button is pressed and responds to each separate operation with specific color-coded LED status displays.

- 1145 Key Fob 4-button
- 1146 Key Fob 2-button
- 1147 Key Fob 1-button



**I 161 & I 162 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.

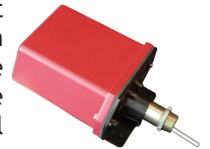
**DEVICES FOR USE WITH THE XR100/XR500 USING THE I 100X OR I 100XH RECEIVER**  
1165/1165H/1165HS, and 1181/1182.

**I 165/I 165H/I 165HS 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.

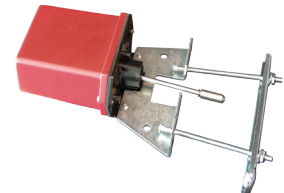
**I 181 POST INDICATOR VALVE**

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.



**I 182 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 1/2" to 12". The switch operates the external contacts of the wireless transmitter when the valve position is altered from an open state.



# DMP 1100 SERIES TRANSMITTERS

## GENERAL SPECIFICATIONS

Frequency Range 903-927 MHz  
 Flame-retardant ABS constructed housings.  
 Battery Life Expectancy based on normal operation.

## 1101/1102/1103 TRANSMITTER SPECIFICATIONS

Battery Life Expectancy 5 years  
 Dimensions  
 Transmitter Case 3.3" L x 1.6" W x 1.2" H  
 Mounting Bracket 2.5" L x 1.3" W x 0.1" H  
 (1101/1102 only)  
 Magnet Housing 1.5" L x 0.5" W x 0.7" H

## 1105 TRANSMITTER SPECIFICATIONS

Battery Life Expectancy 5 years  
 Dimensions  
 Transmitter Case 1.75" L x 1.6" W x 0.79" H  
 Standard Magnet Housing 1.35" L x 0.375" W x 0.425" H  
 Commercial Magnet Housing 2.25" L x 0.375" W x 0.34" H

## 1114/1116/1117/\*1118 SPECIFICATIONS

Battery Life Expectancy  
 1114 3 years  
 1116/1117/1118 5 years (Slow Response)  
 Dimensions 4.65" L x 3.1" W x 1.4" H

## 1119 SPECIFICATIONS

Battery Life Expectancy 2 ½ Years (Slow Response)  
 3 Months (Fast Response)  
 Dimensions 4.65" L x 3.1" W x 1.4" H

## 1121 PIR SPECIFICATIONS

Battery Life Expectancy 3 years  
 Dimensions 4.8" L X 2.5" W X 1.45" H  
 Detection Range 90° 50 x 50 feet  
 Mounting height 4.9 to 8.2 feet

## 1125 PIR SPECIFICATIONS

Battery Life Expectancy 7 years using 3 batteries  
 Dimensions 5.1" L X 2.9" W X 2.2" H  
 Detection Range Up to 50 Feet (15.2 M)

## 1126 SERIES PIR SPECIFICATIONS

Battery Life Expectancy 3 years  
 Dimensions 4.0" Dia x 2" H  
 Mounting height 6.5 to 18 feet

## 1127 WALL-MOUNT PIR SPECIFICATIONS

Battery Life Expectancy 5 to 7 years  
 Dimensions 2.7" W x 1.77" D x 4.33" H  
 Mounting height 8 feet

## 1129 GLASSBREAK SPECIFICATIONS

Battery Life Expectancy 3 years  
 Dimensions 4.25" L x 3.15" W x 1.75" H  
 Microphone Omnidirectional Electret

## 1131 SPECIFICATIONS

Battery Life Expectancy 5 years  
 Dimensions  
 Housing 4.175" L X .55" DIA  
 Housing Flange 1.7" L X .80" W  
 Magnet Housing 0.7" L X .55" DIA

## 1139 BILL TRAP SPECIFICATIONS

Battery Life Expectancy 1 year using 2 batteries  
 Dimensions 5.375" H x 2.625" W x .625" D

## 1142/1142BC TRANSMITTER SPECIFICATIONS

Battery Life Expectancy 5 years  
 Dimensions  
 Transmitter Case 3.3" L x 1.6" W x 1.2" H  
 Belt Clip 1.9" L x 0.9" W x 0.3" H

## 1145/1146/1147 KEY FOB SPECIFICATIONS

Battery Life Expectancy 2 years  
 Dimensions 1.98" H x 1.98" W x 0.6" D

## \*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"  
 Temporal Sounder Pattern 85 dB at 10'  
 Sensitivity 2.3% ±0.8%

## \*1181/1182 VALVE MONITOR SPECIFICATIONS

Battery Life Expectancy 5 years  
 Dimensions  
 1181 4.75" L x 2.25" W x 5.08" H  
 1182 6.19" L x 2.25" W x 5.88" H  
 Frequency Range 903-927 MHz  
 Operating Range -10° F to 120° F

### COMPATIBILITY

XT Series and XR100/XR500 Series Command Processor™ Panels

\*Compatible with only the XR100/XR500 Series Command Processor™ Panels:

1165, 1165H, 1165HS, 1181, 1182

### ACCESSORIES

CR123 3.0V Lithium Battery  
 CR123-FIRE 3.0V Lithium Battery (for commercial fire devices)  
 CR2032 3.0V Coin Cell Lithium Battery  
 (1145/1146/1147 only)  
 CR2450 3.0V Coin Cell Lithium Battery (1139 only)  
 CR12600 3.0V Lithium Battery (1131 only)  
 CR17450 3.0V Lithium Battery Pack (1126 Series only)  
 376 DC Plug-in Power Supply  
 (1114/1116/1117/1118 only)  
 378 Barrel Connector with Cord  
 (1114/1116/1117/1118 only)

### PATENTS

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

### LISTINGS AND APPROVALS

California State Fire Marshal (CSFM)

1101 1102 1105 1161 1162 1165 1165H 1165HS 1181 1182

FCC Part 15 Registration ID

CCK1101 1101, 1102, 1103, 1129, 1142, 1181, 1182  
 CCKPC0088 1121, 1125, 1161, 1162, 1165, 1165H, 1165HS  
 CCKPC0109 1126, 1127C, 1127W, 1131  
 CCKPC0098 1145, 1146, 1147  
 CCKPC0101 1114, 1116, 1117, 1118  
 CCKPC0123 1119  
 CCKPC0124 1105

### LISTINGS AND APPROVALS

Industry Canada ID

5251A-PC0081 1101, 1102, 1103, 1129, 1142, 1181, 1182  
 5251A-PC0101 1114, 1116, 1117, 1118  
 5251A-PC0123 1119  
 5251A-PC0124 1105  
 5251A-PC0109 1126, 1127C, 1127W, 1131  
 5251A-PC0098 1145, 1146, 1147  
 5251A-PC0088 1121, 1125, 1161, 1162, 1165, 1165H, 1165HS

Underwriters Laboratories (UL) Listed

ANSI/UL 1023 Household Burglar Alarm System Units Accessory  
 1101 1102 1103 1105 1125 1127C 1127W 1142/1142BC  
 ANSI/UL 636 Holdup Alarm Units and Systems Accessory  
 1103 1142  
 ANSI/UL 634 Connections and Switches for use with Burglar  
 Alarm System Accessory  
 1101 1102 1105  
 ANSI/UL 639 Intrusion Detection Units Accessory  
 1125 1127C 1127W  
 ANSI/UL 985 Household Fire Warning System Accessory  
 1101 1102 1105  
 ANSI/UL 365 Police Station Connected Burglar  
 1103  
 ANSI/UL 609 Local Burglar Alarm Units and Systems  
 1103  
 ANSI/UL 1076 Proprietary Burglar Alarm Units  
 1103  
 ANSI/UL 1610 Central Station Burglar Alarm Units  
 1103  
 ANSI/UL 346 Waterflow Indicators for Fire Protective Signaling Systems  
 1181 1182  
 ANSI/UL 268 Smoke-Automatic Fire Detectors  
 1161 1162 1165 1165H 1165HS



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