

1100INT Series Wireless Transmitters



WIRELESS TRANSMITTERS

- ▶ 1103-WINT Universal Transmitter
- ▶ 1122INT PIR
- ▶ 1128INT Glassbreak Detector
- ▶ 1135-WINT Siren
- ▶ 1142-WINT Two-Button Hold-Up Transmitter
- ▶ 1144-1INT/1144-2INT/1144-4INT Key Fob Transmitters

FEATURES

- ▶ Two-Way™ Wireless provides unique advantages including longer battery life, extended range, superior supervision, outputs and wireless devices that can be configured remotely
- ▶ Simple serial number programming
- ▶ Seamless integration with DMP panels and other hardwired devices
- ▶ Built-in Survey LED visually confirms communications
- ▶ Extended range and battery life
- ▶ 0-, 20- or 240-minute supervision window; selectable by zone or output to maximize effectiveness
- ▶ Frequency-hopping 868 MHz spread-spectrum technology
- ▶ Attractive and durable plastic housing for all units
- ▶ Internal case tamper for added security
- ▶ Programmable from panel keypad or via Remote Link™, Dealer Admin™ or Tech APP™
- ▶ User-replaceable 3 V lithium batteries

TWO-WAY COMMUNICATION

DMP Two-Way Wireless systems operate in the frequency range between 863 and 869 MHz. Equipment operating in this band can be placed up to 1,200 feet from the receiver. With systems operating in the 300 to 433 MHz band, the maximum recommended distance between sensor and receiver is 200 feet. Even with a repeater, that extends the distance to approximately 400 feet.

In the 300-433 MHz band, regulations prevent check-in signals from being sent more than once an hour, which means that an intruder could remove a sensor and not be detected for nearly an hour. Wireless alarm systems operating in the 863-869 MHz band do not have this limitation, enabling sensors to be supervised — as frequently as every three minutes.

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- or 20-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 monitoring center.

868 MHZ SPREAD-SPECTRUM TECHNOLOGY

DMP wireless communication employs 868 MHz frequency-hopping spread-spectrum technology to ensure clear and accurate signal transmissions without interference in practically any environment. The spread-spectrum technology enables the system to use any of numerous channels within the 863-869 MHz band and to dynamically hop from frequency to frequency.

By using spread-spectrum technology, this virtually ensures that a DMP wireless system cannot be defeated by jamming. With non-spread-spectrum systems that operate in a narrow frequency band, an intruder can use a wireless device to flood the area with transmissions at the same frequency used by the alarm system, thereby preventing alarm signals from reaching the receiver.

Every 32 milliseconds, DMP Two-Way Wireless hops to a new frequency across 61 frequencies. The order is random and determined by the house code of the panel. Although spread-spectrum technology is designed to use frequencies that other systems use, and it will see interference from other systems, it is designed to overcome that interference inherently. This is one of the main advantages of spread-spectrum wireless.

As the device and receiver are hopping to a different channel, when it encounters a channel that has interference, it simply moves on and the data acknowledgment will not be received, thus requiring the panel or sensor to resend that signal. This trying and resending will automatically occur until the message is sent and acknowledged. This self-healing system is very reliable.

ONE-WAY VS. TWO-WAY COMMUNICATION

Two-way communication enables the control panel and sensors to exchange information. This allows the wireless devices to be controlled and adjusted remotely from the panel or Remote Link software. DMP two-way technology sends a single message and immediately receives a single acknowledgment allowing it to save much needed battery life.

For PIR motion sensors, the Two-Way technology can be used to adjust sensitivity and pulse count settings, etc. Additionally the alarm panel can instruct the motion sensors to go to sleep but send supervision signals when the system is disarmed, saving battery life.

Some competitive PIRs go to sleep after an alarm for three minutes. But with DMP, if the system is not programmed for swinger bypass, a sensor that is tripped repeatedly will continue to send an alarm signal with each trip. An example of where this would occur is when a PIR is repeatedly tripped by a person walking around in its field of view. This acts more like a wired PIR from the monitoring center perspective providing operators with more real-time information to make appropriate decisions.

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.

1100INT SERIES WIRELESS TRANSMITTERS

SURVEY LED

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

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.



1103-WINT UNIVERSAL TRANSMITTER

The Model 1103-WINT

Universal Transmitter provides internal and external contacts that may be used at the same time to yield two individual reporting zones from one transmitter. The 1103-WINT is typically used in commercial burglary door/window applications. It offers a 470k end-of-line resistor and wall tamper switch.



1122INT WIRELESS PIR

The 1122INT provides 90-degree 40 foot by 40 foot detection range, pet immunity and the battery

saving disarm/disable feature. Includes one 3-volt lithium battery.



1128INT GLASSBREAK DETECTOR

Designed to detect the shattering of framed

glass mounted in an outside wall, the 1128INT Glassbreak Detector is a fully supervised, low-current shock and glassbreak sensor that provides added detection coverage up to 20 feet. By detecting both high and low frequencies, the 1128INT reduces the chance of false alarms. It's also suitable for armor-coated glass. For maximum flexibility and coverage, you can mount the 1128INT on the ceiling or on an opposing wall.



1135-WINT SIREN

The 1135-WINT Wireless Siren makes it possible to quickly and easily

place one or more sirens as part of an installation. For residential and commercial installations, this battery powered siren is an easy, add-on sale among customers who want the extra security provided by locating sirens in several interior locations. The 1135-WINT includes a cover tamper and survey LED and comes with batteries. The 1135-WINT has a selectable volume of 100 or 110 dB.



1142-WINT TWO-BUTTON HOLD-UP TRANSMITTER

The 1142-WINT Two-Button Hold-up Transmitter is

typically used as a panic alarm, but with a little imagination this transmitter can be used for a multitude of applications.

Permanently mount the 1142INT in an under-the counter location with the included screws.



1144INT KEY FOB TRANSMITTERS

The 1144INT Series Key

Fobs are portable, water resistant and designed to be clipped to a key chain or lanyard. The key fob LED provides visual acknowledgment when a button is pressed and responds to each separate operation with specific color-coded LED status displays.

1144-4INT	4-button
1144-2INT	2-button
1144-1INT	1-button

DMP Two-Way Wireless alarm systems operating in the 863-869 MHz spectrum band offer numerous advantages over other products. These include:

- ▶ Longer range due to less strict regulatory requirements for the 863-869 MHz frequency band in comparison with the 300-433 MHz band
- ▶ Support for more frequent sensor check-ins, increasing system reliability
- ▶ Spread-spectrum technology for greater reliability and protection from jamming
- ▶ Two-way communications for greater reliability
- ▶ Survey LED for one person installation
- ▶ Suitable for commercial installations because of:
 - Greater range
 - Shorter wavelengths are less likely to be blocked by new walls or other changes made to a protected area
 - EN approved (except 1128INT)
- ▶ Longer battery life for lower maintenance costs

SPECIFICATIONS

1103-WINT Universal Transmitter*

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

1122INT PIR Motion Detector*

Battery Life Expectancy	3 years
Dimensions	4.8" L × 2.5" W × 1.45" H
Detection Range	90° 40 × 40 feet
Mounting Height	4.9 to 8.2 feet

1128INT Glassbreak Detector*

Battery Life Expectancy	3 years
Dimensions	3.3" L × 2.1" W × 0.9" D

1135-WINT Siren*

Battery Life Expectancy	3 Years
Dimensions	4.5" L × 4.5" W × 1.25" H

1142INT Series Two-Button Hold-Up Transmitter*

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

1144INT Series Key Fob Transmitters*

Battery Life Expectancy	2 years
Dimensions	1.98" H × 1.53" W × 0.55" D

International Certifications

EN 50130-4:2011	(1103-WINT, 1122INT, 1135-WINT, 1142INT Series, 1144INT Series)
EN 50130-5:2011	(1103-WINT, 1122INT, 1135-WINT, 1142INT Series, 1144INT Series)
EN 50131-2-6:2008	(1103-WINT)
EN 50131-3:2009	(1103-WINT, 1135-WINT, 1142INT Series, 1144INT Series)
EN 50131-4:2009	(1135-WINT)
EN 50131-1:2006+A1;A2	(1103-WINT, 1122INT, 1135-WINT, 1142INT Series, 1144INT Series)
EN 50131-2-2	(1122INT)
EN 50131-5-3:2017	(1103-WINT, 1122INT, 1135-WINT, 1142INT Series, 1144INT Series)
EN 61000-3-2:2009+A1;A2	(1103-WINT, 1122INT, 1135-WINT, 1142INT Series, 1144INT Series)
EN 61000-3-3:2013	(1103-WINT, 1122INT, 1135-WINT, 1142INT Series, 1144INT Series)
EN 61000-6-4:2018	(1103-WINT, 1122INT, 1135-WINT, 1142INT Series, 1144INT Series)

Compatibility

XTLplusINT, XTLtouchINT, XTINT and XRINT Series panels

Accessories

CR123	3 V Lithium Battery
CR2430	3 V Lithium Sony® Battery (1144 Series only)

Patents

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

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 2500 N. Partnership Blvd, Springfield, MO 65803
 Designed, engineered & manufactured in
 Springfield, MO using U.S. & global components

LIMITED WARRANTY: DMP warrants that the products manufactured by DMP shall be free from defects of manufacture, labeling, and packaging for a period of three (3) years from the invoice date to the original Buyer, provided that representative samples of the defective products are returned to DMP for inspection. To read the full DMP Limited Warranty, go to DMP.com/Warranty or check the DMP Price List or Catalog.