



# 1154/1158 Wireless Input Modules



Model 1154

Model 1158

## FEATURES

### 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 900 MHz Spread-Spectrum technology
- ▶ Attractive and durable white plastic housing

- ▶ Built-in device testing
- ▶ Simple serial number programming
- ▶ Seamless integration with any DMP panel

### 1154/1158 Features

- ▶ Convert up to four existing hardwired zones with the 1154
- ▶ Convert up to eight existing hardwired zones with the 1158
- ▶ Programmable from panel keypad or via Remote Link™

- ▶ No need to change or add EOL resistors on normally closed contacts
- ▶ Selectable communication test intervals
- ▶ User-replaceable 3 V lithium CR123 batteries (1154 only) or external power
- ▶ Make use of existing panel and zone wiring
- ▶ Take over existing wired contacts quickly and efficiently

▶ Easily connect with existing hardwired zones to use them as 1100 Series Wireless zones

## TWO-WAY COMMUNICATION

Two-Way supervised wireless from DMP delivers unparalleled flexibility and simplicity without sacrificing power. Whether the installation is new construction, an upgrade or retrofit, Two-Way Wireless from DMP gets the job done faster with less effort.

DMP wireless receivers supervise for transmitters that go missing. With Two-Way communication, each wireless transmitter communicates with the receiver using supervision messages. The 1154/1158 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 monitoring center.

The onboard 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.

## 900 MHZ SPREAD-SPECTRUM TECHNOLOGY

DMP wireless communication employs 900 MHz frequency-hopping spread-spectrum 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 905-925 MHz band and to dynamically hop from frequency to frequency.

## 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! Program using Remote Link, from the keypad, or the Tech APP™.

## SIMPLE ZONE EXPANSION

The 1154/1158 wireless input modules allow installers to convert up to four or eight existing hardwired zones (such as motion sensors, door and window contacts, etc.) into wireless zones. When a DMP panel is installed in the same location as a non-DMP panel, the 1154 can convert up to four zones from the old panel, and the 1158 can convert up to eight zones. Converting existing hardwired zones into wireless zones that can communicate with DMP panels simplifies the takeover. Existing wiring does not have to be re-run, and existing contacts can be reused with the new system.

## POWER OPTIONS

The 1154/1158 can be powered several different ways. If connecting to non-powered zones, the 1154 can be powered by a single CR123A 3V battery. If connecting to powered zones, power the 1154 through the existing panel or the plug-in power supply model 376L. Or if completely removing the existing panel, but still connecting the 1154 to powered zones, power the 1154 and active zone devices using a DMP model 505-12 or appropriate 12 VDC power supply.

To power the 1158, you can transfer AC power from the existing panel to the 1158. You can also use a DMP model 321 40 VA, 16.5 VAC Plug-In Transformer. If a backup battery is attached to the existing panel, it can be transferred to the 1158 as well. You can also use a 376L 12 VDC 600 mA Plug-in Power Supply or other 12 VDC power source with the 1158. Powered zones can be powered directly from the 1158 using the DC output terminals.

## Specifications

Battery Life Expectancy	3 years
Battery Type (1154)	3 V Lithium CR123A
Current Draw (1158)	
DC Output	150 mA
Battery Charge	50 mA
Frequency Range	905-924 MHz
Dimensions	4.65" L x 3.1" W x 1.4" H
Color	White
Housing Material	Flame retardant ABS

## Compatibility

1100D Series Wireless Receiver Version 105 or higher  
1100X Series Wireless Receiver Version 105 or higher  
XT30 Series panels  
XT50 Series panels with an integrated wireless receiver  
XR150/XR550 Series panels  
XTLplus panels  
XTLtouch panels with an integrated wireless receiver

## Accessories

CR123	DMP 3V Lithium Battery
321	40 VA Plug-In Transformer
376L	DC Plug-in Power Supply
505-12	12VDC Power Supply

## Patents

U.S. Patent No. 7,239,23

## Certifications

FCC Part 15 Registration ID CCKPC0101  
IC Registration ID 5251A-PC0101

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

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