



## SeyWave Wireless

### Wireless Access and Sensor System

#### SeyWave Technology

The PMC wireless system is designed to work with industrial doors and gates to give trouble free activation and safety. It is based on our proven SeyWave Technology for low power, reliable two-way RF communication. It is an FCC licensed product operating in the 2.4 GHz spectrum for global compliance. This system has a normal range of 300 ft and is capable of operating in harsh environments typically found in industrial facilities. Now access controls can be placed anywhere without the high cost of wiring.

#### Host Controllers

The standard Host Controller is connected to your existing control system and has the following standard functions: **Open, Close, Stop, Open/Close, Closing Sensor and Collision Sensor**. It is powered by 24 volt AC/DC, has terminals for each function above and comes in a convenient DIN mounted enclosure. One added input will allow connection to any close signal from you existing controller which is used by the Host to monitor the sensor inputs.

#### DGII Door Controller

The SeyWave Wireless System is now standard on all DGII door controllers. As an added feature, our ILLUMADOOR LED Signaling System uses this wireless to operate the individual lights through this controller. Pairing of remote devices and programming of light functions are easily done using the DGII controller setup menu.

#### Access Controls

Remote pushbutton stations are available in various standard and custom configurations. The standard is an Open-Close-Stop station with monitored stop function and an LED status indicator. The LED will indicate acknowledgment for each sent signal, loss of communication with Host or low battery. Other models are a jumbo palm operator, Open/Close with key lock and keypad. Custom configurations meeting the above functions are also available.

#### Sensor Control

The PMC Sensor Module is designed to be used with all known door and gate safety devices. This includes both monitored and unmonitored. Up to three external devices can be connected to the module. We have incorporated the latest technologies for determining motion to insure complete functionality before the connected device is allowed to operate within published agency guidelines.

#### Specifications

The remote modules are all battery operated using two replaceable AA batteries. Our SeyWave technology is a very low power consumption system giving up to 10 years of battery life for every remote device. Battery voltage is monitored for immediate feedback on battery life. If either the battery condition or sensor operation are abnormal, no motion of the connected object will be allowed. All remote devices come in a surface mount UL Type 4X plastic enclosure with cord grips as necessary.

#### Custom Applications

The SeyWave technology is designed as an FCC listed transceiver that can be used in any application. The products above represent just one application of our innovative SeyWave wireless technology. Please contact us for further discussion of your custom application.



#### At-A-Glance

- 2.4 GHZ Frequency
- All Signals Acknowledged
- Low Battery Signal
- Standard in DGII
- Add to Any Door
- Safety Sensor
- Open-Close-Stop
- Palm Operator
- Custom Operator Configurations

Specifications	
Wireless Host	
Vin	24 volt AC/DC
I <sub>max</sub>	
Operating Temperature	-20 - +85 C
Remotes	
Battery	(2) AA Cells
Operating Temperature	-20 - +85 C
Enclosure	UL Type 4X

**Drawings**

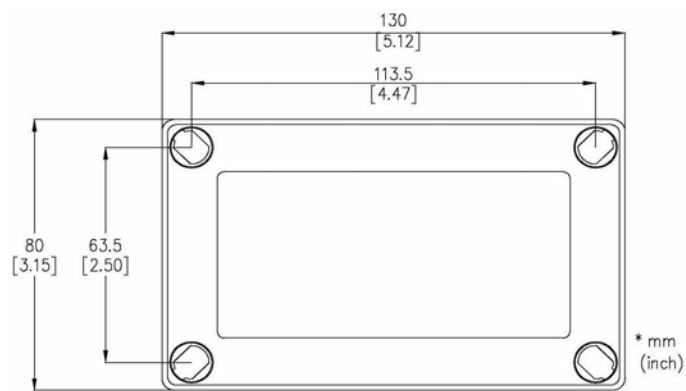


FIGURE	LENGTH	WIDTH	HEIGHT
A	130 (5.12)	80 (3.15)	35 (1.38)
B	130 (5.12)	80 (3.15)	75 (2.95)