

# ISW-D8125CW-V2 Inovonics EchoStream Interface Module

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- ▶ Bosch Security Systems, Inc. control panel compatibility
- ▶ Up to two ISW-D8125CW-V2 connections for each control panel; one per Zonex Bus
- ▶ User-friendly menus and backlit display
- ▶ Liquid crystal display (LCD) shows two lines by 16 characters
- ▶ Internal keypad

The ISW-D8125CW-V2 Inovonics EchoStream Interface Module is an interface module and keypad that connects Inovonics EchoStream receivers, repeaters, and wireless transmitters to compatible Bosch Security Systems, Inc. control panels. Use the ISW-D8125CW-V2 in systems spanning large distances to avoid inconvenient hard-wire installations. Place radio frequency (RF) transmitters anywhere within the maximum range. Move the RF transmitters as needed without costly re-wiring.

## System overview

Bosch Security Systems, Inc. control panels connect to hard-wired points and to wireless RF points at the same time. To add RF points, connect a Inovonics EchoStream EN4200 Serial Receiver to the ISW-D8125CW-V2 Inovonics EchoStream Interface Module. Connect the ISW-D8125CW-V2 to the control panel's Zonex 1 or Zonex 2 terminals and to Aux Power.

A compatible control panel supports up to two ISW-D8125CW-V2 wireless interface connections. Connect the first ISW-D8125CW-V2 to Zonex 1, and

the second to Zonex 2. Each ISW-D8125CW-V2 Inovonics EchoStream Interface Module supports up to 117 supervised RF points.

## Functions

### Internal Keypad

Use the keypad to access the programming and diagnostics functions of the wireless portion of the system. The distinctive keypad design helps you distinguish the difference between the ISW-D8125CW-V2 Inovonics EchoStream Interface Module and a system keypad.

### Programming

You can program time intervals for supervising system and individual transmitters.

### Powered by Inovonics

The Inovonics EchoStream platform, powered by Inovonics wireless mesh network technology, ensures superior range, reliability, and scalability for commercial applications. Using a wide range of transmitters and repeaters, this proven technology provides flexibility and performance to meet the most stringent requirements. This exclusive protocol is available only on Inovonics EchoStream products.

## Installation/configuration notes

### Compatibility Information Control Panels

G Series	All versions of the D9412GV3 and D9412GV2, v6.30 or higher of the D9412G
	All versions of the D7412GV3 and D7412GV2; v6.30 or higher of the D7412G
	All versions of the D7212GV3 and D7212GV2; v6.41 or higher of the D7212G

### Receivers

EN4200	Serial Receiver
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### Repeater

EN5040-T	High-power Repeater
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### Transmitters

All Inovonics EchoStream transmitters

### Mounting and Wiring

Place the ISW-D8125CW-V2 Inovonics EchoStream Interface Module within 1.5 m (5 ft) of the control panel and wire using between 1.2 mm (18 AWG) and 0.8 mm (22 AWG) solid wire.

Place the EN4200 Serial Receiver up to 30.5 m (100 ft) from the ISW- D8125CW-V2 Inovonics EchoStream Interface Module. For best transmitter reception results, place the EN4200 Serial Receiver in a central location among the transmitters. If transmitters are too far away for the receiver to pick up the transmission, install a Inovonics EchoStream RF repeater (EN5040-T).

## Parts included

Quant.	Component
1	ISW-D8125CW-V2
1	Literature – Installation Guide

## Technical specifications

### Properties

Dimensions:	4.0 in. x 6.5 in. x 1.2 in.
Weight:	0.6 lb

### Environmental Considerations

Relative Humidity:	Up to 93%, non-condensing
Temperature (Operating):	0°C to +65°C (+32°F to +149°F)

## Power Requirements

Current Draw:	20 mA typical, 50 mA maximum; +60 mA for each receiver
Voltage (Operating):	10.2 VDC to 14 VDC supplied by the control panel auxiliary power or an external auxiliary power supply.

## Ordering information

### ISW-D8125CW-V2 Inovonics Echostream Interface Module

Provides LCD and internal keypad that connects Inovonics EchoStream receivers, repeaters, and wireless transmitters to compatible Bosch Security Systems, Inc. control panels  
Order number **ISW-D8125CW-V2**

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