



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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WIH-IM-2RF-1277

PROJECT INFORMATION

Project Name _____

Catalog No. _____

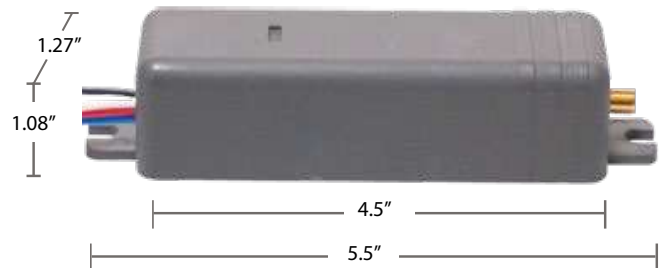
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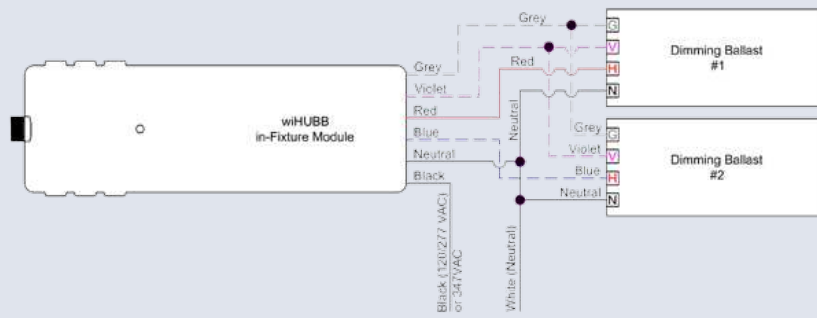
Hubbell Controls' *wiHUBB* In-Fixture Module (IFM) is a self-contained intelligent wireless control module. It contains either one or two independently-controlled outputs. The two-output version can be used for High/Low or alternate ballast switching.

An optional 0-10V output is also available for full-range dimming control of dimmable ballasts and LED drivers. Each *wiHUBB* IFM can control one or more fixtures and can be individually controlled or grouped with other *wiHUBB* devices. The *wiHUBB* IFM communicates via 900MHz radio frequency to other devices within the *wiHUBB* wireless self-organizing and self-healing mesh network.

PRODUCT FEATURES

- Single or dual relay versions for On/Off or High/Low control
- Optional 0 – 10V interface for full range dimming control
- Device intelligently and automatically responds to sensors and switches in the most energy-efficient manner
- Schedules are held in the devices themselves – no need for a master scheduling device
- Retains data during power outages
- Robust & reliable 900MHz wireless self-organizing and self-healing mesh network
- Future-proof design – firmware updateable over the air
- Multiple antenna options available
- FCC certified
- Five-year limited warranty
- 120-277 Vac and 347 Vac models





General Specifications

Electrical Ratings (-1277 version)	<p>Input: 120-277VAC, 10A Max, 60Hz</p> <p>Output: 10A, Tungsten, 120VAC only</p> <p>10A, Magnetic Ballast</p> <p>5A, Electronic Ballast (max each relay)</p> <p>¼ H.P. Motor, 120 & 277VAC</p> <p>For (2) relay models the maximum combined output of both relays: 10A</p>
Electrical Ratings (-347 version)	<p>Input: 347VAC, 10A Max, 60Hz</p> <p>Output: 10A, Ballast</p> <p>For (2) relay models the maximum combined output of both relays: 10A</p>
Optional Dimming Interface	0-10V, 30mA output for use with low-voltage, two-wire dimming ballast and LED drivers.
RF Frequency	902 - 928MHz
RF Range	<p>Wireless Peer-To-Peer, Self-Organizing and Self-Healing Mesh Network</p> <p>Spread Spectrum Frequency Hopping</p> <p>Supported distance between wireless devices: 100 meters (328 feet)</p> <p>Maximum Transmission Output Power: +20 dBm</p> <p>Maximum Receive Sensitivity: -118 dBm</p>
Operating Environment	<p>Operating Temperature: -40°C to +90°C</p> <p>Relative humidity (non-condensing): 0 to 95%</p>
Construction	Housing: GSM UL Rated 94 HB Plastic
Size and Weight	<p>Size: 5.50"L x 1.27"W x 1.08"H</p> <p>Weight: 4 oz</p>
Color	Gray
Mounting	<p>Mounts inside fixture ballast cavity or housing</p> <p>Optional mounting adaptor available (p/n WIH-IM-ADAPTER) for external junction box mounting</p>
Certifications	<p>Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983</p> <p>FCC Certified</p> <p>IC Approved</p>
Warranty	Five-year limited

Ordering Information

WIH-IM	OUTPUT	INPUT VOLTAGE
MODEL		
WIH-IM	<p>1RA 1 SPST Output, Articulating Antenna</p> <p>1RDA 1 SPST Output, 0-10VDC Dimming Output, Articulating Antenna</p> <p>1RF 1 SPST Output, Fixed Antenna with 24" Extension Cable</p> <p>1RDF 1 SPST Output, 0-10VDC Dimming Output, Fixed Antenna with 24" Extension Cable</p> <p>2RA 2 SPST Outputs, Articulating Antenna</p> <p>2RDA 2 SPST Outputs, 0-10VDC Dimming Output, Articulating Antenna</p> <p>2RF 2 SPST Outputs, Fixed Antenna with 24" Extension Cable</p> <p>2RDF 2 SPST Outputs, 0-10VDC Dimming Output, Fixed Antenna with 24" Extension Cable</p>	<p>1277 120/277VAC</p> <p>347 347VAC</p>

Accessory

WIH-IM	ADAPTER
MODEL	ACCESSORY
WIH-IM	<p>ADAPTER In-Fixture Module J-Box Mounting Adapter</p>



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