



IP-RC

BLE CONTROLLED
RELAY BOARD

IP-PB

WEARABLE PANIC
BUTTON SYSTEM FOR IPX

TECHNICAL DATA SHEET



PRODUCT SUMMARY

The AtlasIED Rapid Alert system is a wearable panic button notification system for use with IPX IP endpoints for mass communication.

AtlasIED IP-RC is a BLE controlled relay board designed to mount on the control board of a IPX Series PoE+ endpoint and is used in conjunction with AtlasIED's IP-PB lanyard style wireless BLE panic button.

This system provides the user with the ability to trigger a notification in a facility to notify others of an event the needs further attention.

FEATURES

- BLE Controlled Relays.
- Powered by IPX Control Board or External 24VDC.
- 2 NO Relays.
- Configurable for Relay Closure or Pull-Down Transistor.

APPLICATIONS

Model IP-RC connects directly to the IPX series control board for power and provides 2 relay closures for control.

The IP-RC will trigger a relay connected to a IPX GPI input via a button push on the wireless panic button (IP-PB), starting a notification on either Singlewire's InformaCast® or Syn-Apps Revolution® notification applications.

This notification can be sent to any number of IPX Series devices in the facility indicating an event that needs attention.

The IP-RC will receive a notification from the IP-PB wireless panic button. A rapid 6 button press sequence will active relay 2.

TECHNICAL DATA SHEET



TECHNICAL SPECIFICATIONS

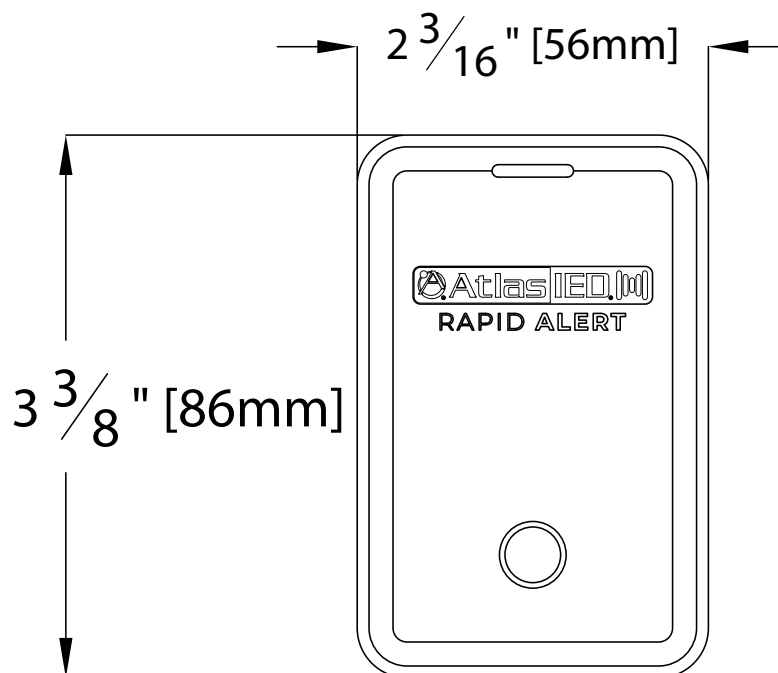
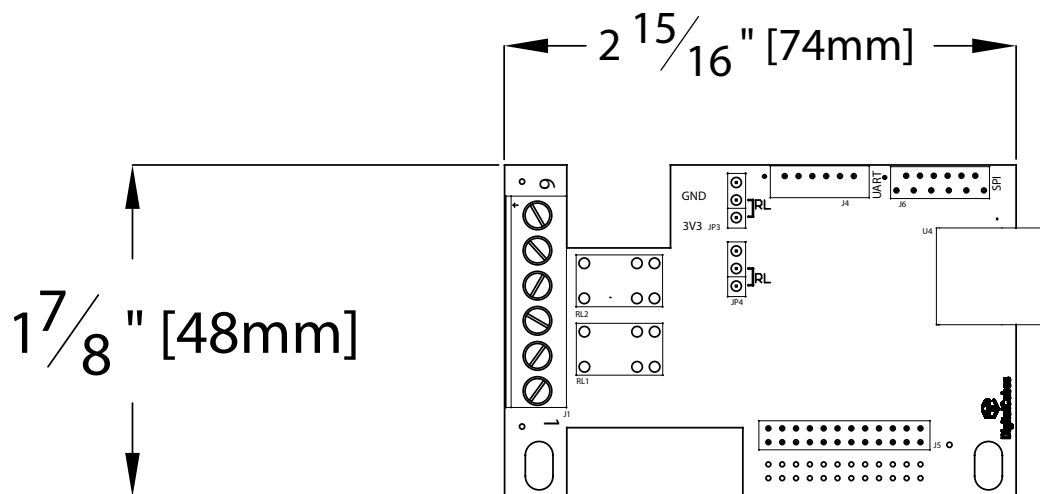
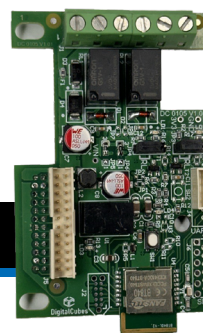
IP-RC	
Type	BLE Controlled Relay
Operation Temp	-10° C to 65° C
Indicators	4 LED (Relay 1 and 2, Power, Status)
General Purpose Interface	Two NO Relays or Two Pull Down Transistors Outputs (Jumper Configurable)
Operating Voltage	24VDC ± 2V
Relay	1A 125VAC, 60VDC Max
Operation Humidity	Max 70% RH non-condensing
Buttons	SW1 Reset
Product Dimensions (HxWxD)	2.91" × 1.89" (74mm x 48mm)
Product Weight - ounce	Relay Board 0.88 oz (25gms)

IP-PB	
Communication	BLE 5.0 UWB (Ultra Wide Bandwidth)
Material	ABS
Color	White
Battery	Lithium Ion Battery 850mAh
Battery Life (Normal Use)	3 Years
Ingress Protection	IP67
Operating Temperature	-20° C ~+ 60° C
Operating Humidity	0 ~ 99% RH
Botton	1
Indicator	1 LED (Button Press and Low Battery)
Product Dimensions (HxWxD)	3.4" x 2.2" x .2" (86mm x 56mm x 4.6mm)
Product Weight - ounce	Badge .70 oz (20g) with battery
Shipping Weight - ounce	.7 (20g) (with battery)
Safety Agency Ratings	FCC
Logo	UV Printed Logo

WARRANTY COVERAGE	
Warranty Period	1 year

TECHNICAL DATA SHEET

DIMENSIONAL DRAWINGS



FRONT



TECHNICAL DATA SHEET

COMPATIBILITY DEVICE LIST

CATEGORY	DEVICES
Compatible Devices	IP-SDMF, IP-SDMF-72, IP-SDM, IP-SDM-72, IP-SDH, IP-SM, IP-SM-72, IP-DDS, IP-DD, IP-12SYSM, IP-12SYSMF, IP-22SYSM, IP-22SYSMF, IP-DM, IP-DMF, IP-F
Not Recommended Devices	IP-8SM, IP-HVP, IP-8SCMF IP-APX, IP-PM8GD-B, IP-ZCM, IP-ZCM1RMK, IP ZCM2RMK

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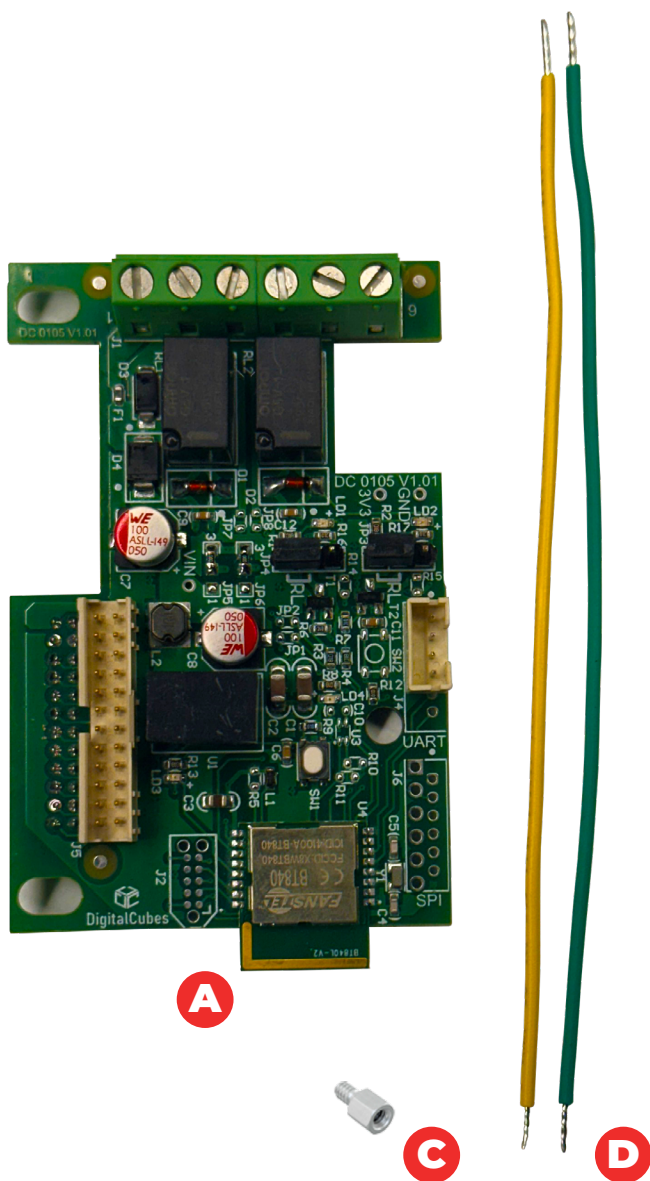
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PACKAGE CONTAINS

ITEM		QUANTITY
A	IP-RC - BLE Controlled Relay Board	1
B	IP-PB - Lanyard Style Wireless BLE Panic Button (Sold in packs of 10)	10
C	Mounting Wires	4
D	Hex Standoff	1



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ARCHITECT & ENGINEER SPECIFICATIONS

The Rapid Alert system shall include AtlasIED model IP-RC and IP-PB.

The IP-RC shall be plugged in to the AtlasIED IPX Series IP speakers control board. The IP-RC contains two relay closures that shall be used to activate either of the GPI inputs on the IPX controller board.

Activating a rapid series of button pushes on the IP-PB will result in a relay closure on the IP-RC. 2 rapid button presses will activate relay 1 and 6 or more rapid button presses will activate relay 2.

The IP-RC relay closure will cause the IPX series GPI inputs to activate a pre-programmed message activation on either AtlasIED's GCK®, Syn-Apps' Revolution®, Singlewire's InformaCast® software platforms.

Connecting wires and mounting hardware shall be included.