



Features & Options

- Battery Powered (Eight Year Battery Life)
- Analog Input (0 to 5VDC, 0 to 10VDC & 4 to 20mA), Digital Input (dry contact) and Thermistor Temperature Input Models
- 100' In-Building Range, Extendable to 1,000' with a Repeater*

The Wireless Universal Input Transmitters take a hard-wired signal and transmit that signal wirelessly to a 418 MHz receiver. The Analog Input version receives a 0 to 5VDC, 0 to 10VDC or 4 to 20mA signal, the Digital Input version receives any dry contact on/off status, while the Thermistor Temperature Input version takes a 10K-2 thermistor sensor input.

All models transmit their data every 10 to 17 seconds at 418 MHz to a BAPI 418 MHz Receiver. An Output Module connected to the Receiver converts the data back to its original form for the BAS controller. The transmitters are battery powered and only require wiring from the remote input sensor.



Wireless Universal Input Transmitter with the BAPI-Box open and closed

Ordering Information

<u>Wireless Universal Input Transmitter</u>	<u>Associated Wireless Products to Complete the System</u>
BA/WAI-05 0 to 5VDC Analog Input Transmitter	BA/RCV418-EZ & BA/VOM-05-AO-EZ 418 MHz Receiver & 0 to 5V Voltage Output Module
BA/WAI-10 0 to 10VDC Analog Input Transmitter	BA/RCV418-EZ & BA/VOM-10-AO-EZ 418 MHz Receiver & 0 to 10V Voltage Output Module
BA/WAI-420 4 to 20mA Analog Input Transmitter	BA/RCV418-EZ & BA/COM-AO-EZ 418 MHz Receiver & 4 to 20 mA Current Output Module
BA/WDI Digital Input Transmitter	BA/RCV418-EZ & BA/RVOL-NO-EZ 418 MHz Receiver & Latching Relay Output Module
BA/WTS Thermistor Sensor Transmitter	BA/RCV418-EZ & ROM, VOM or COM Temp. Output Module 418 MHz Receiver & An ROM, COM or VOM Output Module

See end of Section F for list pricing.

Specifications

Supply Power:3.6 Lithium,
2-AA Batteries (included)

Battery life:8 years @ 20 sec. intervals

Analog Input:2-terminals
 BA/WAI-05.....0 to 5VDC, Imp. > 30KΩ
 BA/WAI-10.....0 to 10VDC, Imp. > 50KΩ
 BA/WAI-420.....4 to 20mA, Imp. = 100Ω

Digital Input:2-terminals
 BAWDI.....Dry contact, >20 seconds
 Contact Status, < 10Ω closed, >250Ω open

Thermistor Input: ...2-terminals
 BAWTS.....10K-2 Thermistor (sold separately)
 Temp. Range, -40 to 185°F (-40 to 85°C)

Mounting:Four corner feet

Radio Frequency: ..418 MHz @ 1mW

Transmitter Interval: ~20 sec.

Transmission Range: Up to 100 feet direct*
 (Up to 1,000 feet with a repeater*)

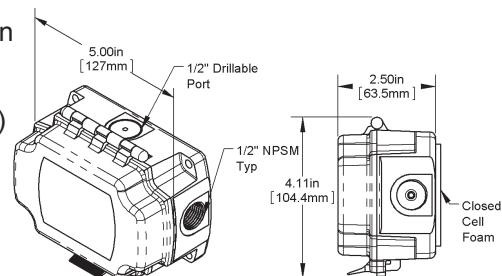
Antenna: Built inside the enclosure

Enclosure: IP66 & NEMA-4 w/ cover screw

Environmental Operating Range:
 Temperature .. 32 to 140°F (0 to 60°C)
 Humidity 5 to 95% RH, Non-condensing

Case Material: . Polycarb., UV resist., UL94V-0

FCC ID: T4F060811TEMP



*Actual in-building transmission distances will vary depending upon building construction and other factors.

Caution: BAPI wireless products are designed for non-critical HVAC monitoring. These products are not intended as safety devices or any heavy equipment control applications.

