



## Features & Options

- Wireless 100 Foot Open Field Range
- Built in or Remote Temperature Sensor
- Four Year Battery Life
- Slim Unobtrusive Design That Is Easy To Mount
- Two Year Warranty

The BAPI-Slim 418 MHz Wireless Temperature Transmitter is designed to monitor temperature inside refrigerator and freezer cases. The BAPI-Slim mounts on the outside of freezer units and can be mounted either inside or outside of refrigerator units. The unit is available with an internal sensor or an RJ11 jack external sensor.

The external sensor's ribbon cable can easily fit between the door seal or through hole with FEP cable without affecting appliance efficiency. The temperature is then transmitted at 30-second intervals to the receiver with a measurement range of -40 to 185°F (-40 to 85°C).



**BAPI-Slim  
Wireless  
Temperature  
Transmitter  
with Remote  
Probe Sensor**

## Specifications

**Supply Power:** One 3.6 VDC Lithium Battery (included)  
4 Year Replaceable, 1/2 AA, (3.6 VDC)

**LED:** LED Transmit Lamp Inside Cover

**Sensor:** Thermistor, 10K-2

Internal: Located at Bottom of Case

External: RJ11 Jack

1.75" SS Sensor with FEP or Ribbon Cable

1" Thermobuffer with FEP or Ribbon Cable

**Measurement Range:** -40 to 185°F (-40 to 85°C)

**Accuracy:** ±0.5°F (±0.28°C) from -40 to 185°F (-40 to 85°C)

**Environmental:**

-22 to 122°F (-30 to 50°C), 0 to 95% RH non-condensing

**Case Material & Material Rating:** ABS Plastic, UL94 V-0

**Ext. Probe Material:** 304 Stainless Steel (SS)

**Transmitter Mounting:**

Keyhole Screw Mounts (Screws not included)

Double-Sided Mounting Tape (Included)

**Sensor Mounting:**

Remote Probe: Plastic Holder (BA/FPB)

Thermobuffer: Hanging Rack Clip (Included)

**Radio Frequency:** 418 MHz @ 1mW

**Transmitter Interval:**

Factory selectable from 10 seconds to 10 minutes in 5 second intervals (30 seconds default)

**Antenna:** Helical Coil Type Built into Case

**Transmission Range:**

Up to 100 Feet Open Air (418 MHz @ 1mW)

Up to 1,000 Feet Open Air w/ Repeater (900MHz @ 100mW)

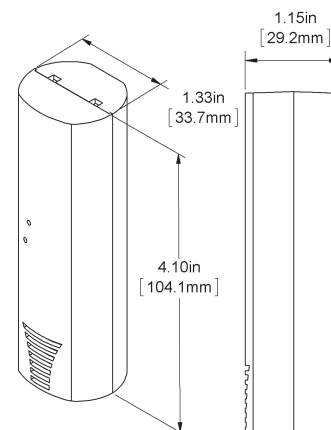
**FCC Approval:**

FCC Rules Part 15, Subpart B

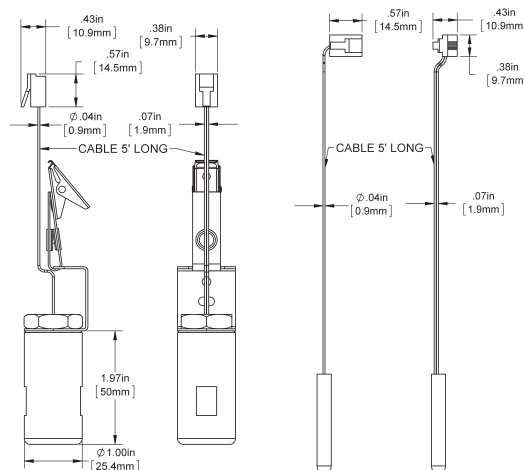
FCC ID# T4FSM061025 (418MHz Only)

**Agency:**

RoHS and Industry Canada (IC:9067A-SM061025)



**BAPI-Slim Wireless  
Temperature Transmitter**



**External Hanging  
Thermobuffer Sensor**

**External Remote  
Probe Sensor**





## BAPI-Slim Wireless Temperature Transmitter

Ordering Information		BAPI-Slim Wireless Temperature Transmitter	
BA/WT-SL	BAPI-Slim Wireless Temperature Transmitter		
	Temperature Sensor Configuration		Required Selection
	-IS	Internal Sensor - On board 10K-2 thermistor (no external sensor jack connector)	
	-RP	External Sensor - 1.75" SS Remote Probe with 10K-2 thermistor	
	-TB	External Sensor - 1" Hanging Thermobuffer with 10K-2 thermistor	
	-X	No Sensor - Includes an RJ11 jack for external sensor (Must order sensor separately)	
	External Sensor Cable Type and Length		Required if -RP or -TB is selected above
	-R5	PVC Ribbon Cable 5 feet	
	-R10	PVC Ribbon Cable 10 feet	
	-FEP5	FEP Round Cable 5 feet	
	-FEP10	FEP Round Cable 10 feet	
	External Sensor Connector Type		Required if -RP or -TB is selected above
	-RJ11	RJ11 Plug	
EXAMPLE			
BA/WT-SL	-RP	-R5	-RJ11
Example Part Number: BA/WT-SL-RP-R5-RJ11: BAPI-Slim transmitter w/ remote probe and 5ft of ribbon cable			
Your Part Number:			

Call BAPI if you have questions about the above ordering grid or the configuration of the product you are ordering.

## Replacement Sensors for the BAPI-Slim Unit

Ordering Information		Replacement Sensors for the BAPI-Slim Wireless Temperature Transmitter	
BA/SL-102	External Sensor Assembly for the BAPI-Slim Wireless Temperature Transmitter		
	Temperature Sensor Configuration		Required Selection
	-RP	1.75" SS Remote Probe with 10K-2 thermistor	
	-TB	1" Hanging Thermobuffer with 10K-2 thermistor	
	External Probe Cable Type and Length		Required Selection
	-R5	PVC Ribbon Cable 5 feet	
	-R10	PVC Ribbon Cable 10 feet	
	-FEP5	FEP Round Cable 5 feet	
	-FEP10	FEP Round Cable 10 feet	
	External Probe Connector Type		Required Selection
	-RJ11	RJ11 Plug	
EXAMPLE			
BA/SL-102	-RP	-R5	-RJ11
Example Part Number: BA/SL-102-RP-R5-RJ11: 10K-2 Thermistor remote probe and 5ft of ribbon cable			
Your Part Number:			

Call BAPI if you have questions about the above ordering grid or the configuration of the product you are ordering.

## Related Products

Part Number	Description
BA/BAT-5AA	Replacement Battery for the BAPI-Slim Sensor, Lithium ½AA, 3.6 VDC
BA/RCV418-WAM-x	418MHz Wireless Receiver for BAPI Website Access
BA/RCV418-EZ	418MHz Wireless Receiver for Analog Output Modules
BA/RCV900-EA-EZ	900MHz Wireless Receiver for Analog Output Modules (requires a repeater)
BA/RPT49-EA-EZ	418 MHz to 900MHz Repeater
BA/VOM-10-x-EZ	0 to 10V Voltage Output Module
BA/COM-x-EZ	4 to 20mA Current Output Module
BA/ROM-10x-EZ	Resistance Output Module, 10K-2 Thermistor Output

