

## AZAI6WP2HI3 - Aidoo Pro STI Hitachi Primary

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:
Additional Info:	

## MODEL DESCRIPTION

Device to manage and integrate units remotely from the Cloud. Online control with the "Airzone Cloud" App (available for iOS and Android). Wireless Dual Wi-Fi connection (2.4/5 GHz). Powered by an external 24 VAC power supply unit that is not included. Features:

- Unit control and error detection.
- Configurable digital input for open window detection or occupancy presence.
- Auxiliary heat control and heat source locking.
- Automatic change of the operation mode with the adjustment of two set-point temperatures.
- Temperature limitation for cooling and heating modes.
- Status, temperature, mode and speed time schedules.
- Cloud and wired integration with third-party smart thermostats (3PI).
- Integration via Modbus RTU/TCP or BACnet MS-TP/IP.
- Local API and Cloud API integration services, mDNS multicast.

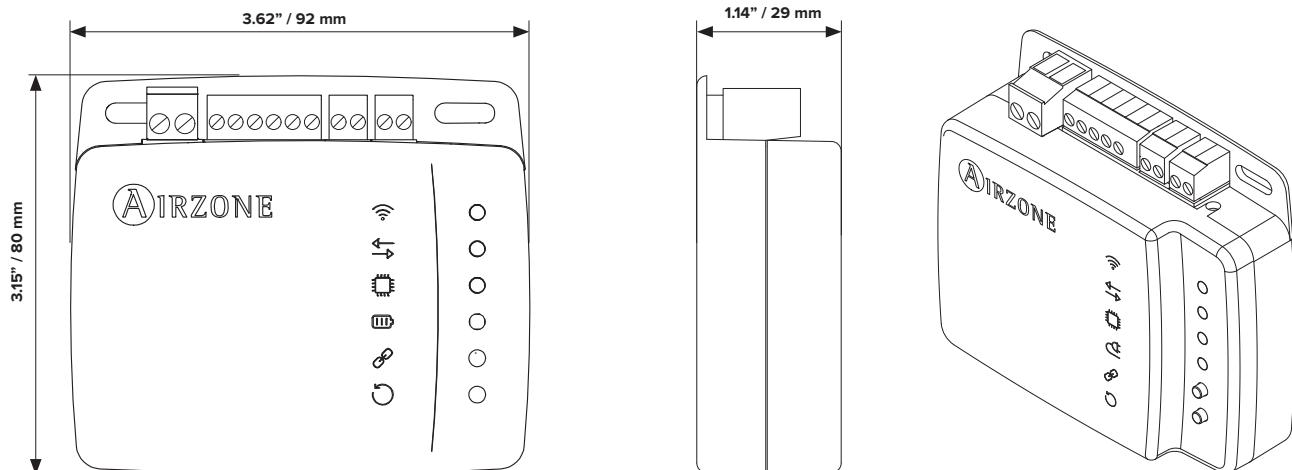


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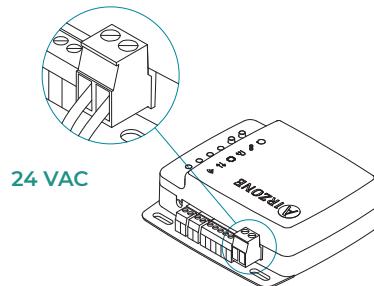
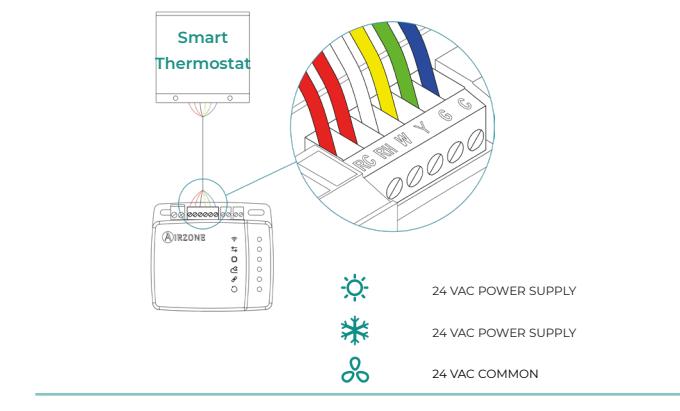
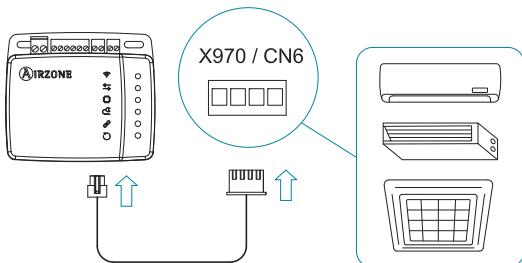
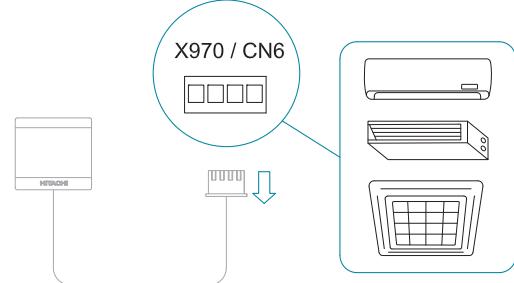
## TECHNICAL SPECS

RS485 Port		WI-FI	
Communication protocol	RS-485 BACnet MS-TP Par – 19200 bps	Protocol	WI-FI – CERTIFIED TM 802.11a/b/g/n/ac (802.11n up to 150 Mbps)
Shielded twisted pair	AWG 23 – 2 wired + AWG 20 – 1 wired 2 x 0.22 + 1 x 0.5 mm <sup>2</sup> Min: 0.2 mm <sup>2</sup> / Máx: 1.5 mm <sup>2</sup>	Model	LBEE5HY1MW
Connection to indoor unit		Digital input	
Max. distance	32.8 ft (10 m)	Communication frequency	2.4 GHz (max. 150 Mbps) 5 GHz (max. 433 Mbps)
State	Voltage-free	Max. power, Antenna power	17.93 dBm, 0.1 dBi
Max. distance	32.8 ft (10 m)	Sensitivity	- 82 dBm
State	Voltage-free	IP address	DHCP
3PTI Bus		Bluetooth	
Nº of pins	6 (RC, RH, W, Y, G, C)	Protocol	Bluetooth v5.0 EDR and BLE specification
V out (RC, RH, C)	24 VAC	Bluetooth class	Class-1, class-2 and class-3 transmitter
Max. distance	8.2 ft (2.5 m)	Operating temp.	
Power supply and consumption		Storage	- 4 ... 158 °F (- 20 ... 70 °C)
Type of power supply	VAC	Operation	32 ... 113 °F (0 ... 45 °C)
V in	24 VAC	Operating humidity range	5 ... 90 % (non-condensing)
V max / I max	30 VAC / 0.35 A	Mechanical aspects	
Frequency	60 Hz	Maximum operating height	6561.68 ft (2000 m)
Consumption	2.68 W	Protection class	IP 41
		Weight	0.29 lb (130 g)

## DIMENSIONAL DRAWINGS



## INSTALLATION



**Important:** Use only one power supply per device and be sure to connect it exclusively to the terminal designated for the power supply. The device will supply power to the smart thermostat connected through the 3PTI bus; **do not** wire any other source on the thermostat terminals.

## SPARE PARTS

- AZPV8WIRE09010 - Connection to Indoor unit 3.28 ft (1 m) / AWG 24 - 6 wired (6x0.2 mm<sup>2</sup>)

## ACCESORIES

- AZPV8WIREU - Universal 6-pin 8.2 ft (2.5 m) extension cable for Airzone gateway / Aidoo



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