



AZX6WSPHUB Webserver Hub Airzone Cloud Dual Instruction Manual

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Dual Instruction Manual**



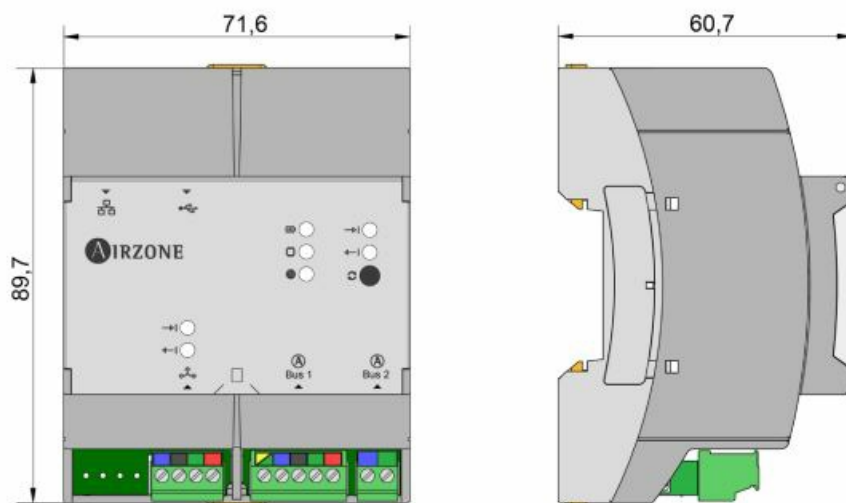
Contains: FCC ID: VPYLBEE5HY1MW
Contains IC: 772C-LBEE5HY1MW



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WEBSERVER HUB AIRZONE CLOUD DUAL



Webserver for controlling Airzone systems through Airzone Cloud platform.
Accessible through browser or App (available for IOS and Android). Dual WiFi 2.4/5Ghz or Ethernet connection.
Powered through demotic bus. Mounted on DIN rail or on wall.

Functionalities:

- Control of up to 32 systems. (One Airzone-BACnet webserver per system.)
- Configuration and control of zone parameters (Room and set-point temp., operating mode, etc.) and system parameters via Airzone Cloud.
- Associated with router through the app via Bluetooth.
- Multi-user and multisession.
- Port for integration via Modbus or BACnet MS/TP protocol.
- Allows configuration as Lutron gateway and BACnet IP.
- Integration via local API.
- Remote updates of the Webserver firmware and the systems connected to it.
- Remote error detection and error resolution.

TECHNICAL SPECIFICATIONS

Power supply and consumption	
V max	12 Vdc
I max	1.1 A
Consumo / Consumption / Consumo	Stand-by: 1.3 W / Max. 13.2 W
DM1 - DM2	
Cable apantallado y trenzado / Shielded twisted pair / Cabo blindado e trançado	DM1: 2 x 0.22 + 2 x 0.5 mm ² (2 x AWG 23 + 2x AWG 20)
Protocolo de comunicaciones / Communications protocol / Protocolo de comunicação	DM2: 2 x 0.22 mm ² (2 x AWG 23)
	MODBUS RS-485 Par – 19200 bps
INT	
Cable apantallado y trenzado / Shielded twisted pair / Cabo blindado e trançado	2 x 0.22 + 2 x 0.5 mm ² (2 x AWG 23 + 2x AWG 20)
Protocolo de comunicaciones / Communications protocol / Protocolo de comunicação	MODBUS RS-485 Par – 19200 bps
Distancia máxima / Maximum distance / Distância máxima	BACnet MS-TP
	100 m (328 ft)
Vmax	12 Vdc
I max	150 mA
WiFi	
Protocolo / Protocol / Protocolo	Wi-Fi CERTIFIED™
Frecuencia / Frequency / Frequência	802.11a/b/g/n/ac
Potencia máxima / Maximum power / Potência máxima	2.4 GHz (max. 150 Mbps) / 5 GHz (max. 433 Mbps)
Distancia máxima / Maximum distance / Distância máxima	19.5 dBm
Direccionamiento IP por defecto / IP address by default / Endereço IP padrão	100 m (328 ft)
	DHCP
Ethernet	
Tipo de Cable / Type of cable / Tipo de cabo	UTP cat 5
Norma / Standard / Norma	100BASE-TX
Direccionamiento IP por defecto / IP address by default / Endereço IP padrão	DHCP
Bluetooth	
Protocolo / Protocol / Protocolo	Bluetooth v5.0 BR/EDR and BLE specification
Clase Bluetooth / Bluetooth class / Class Bluetooth	Class-1, class-2 and class-3 transmitter
Operating temperatures	
Almacenaje / Storage / Armazenamento	-20 ... 70 °C (-4 ... 158 °F)
Funcionamiento / Operation / Funcionamento	0 ... 45 °C (32 ... 113 °F)
Rango de humedad de funcionamiento / Operating humidity range / Intervalo de humidade de funcionamento	5 ... 90% (non-condensing)
Mechanical aspects	
Grado de protección / Protection class / Grau de proteção	IP 21
Peso / Weight / Peso	130 g (0.29 lb)
Unidades DIN / In DIN units / Em unidades DIN	4

Ethernet



A
airzonecontrol.com

Marie Curie, 21
29590 Málaga
Spain



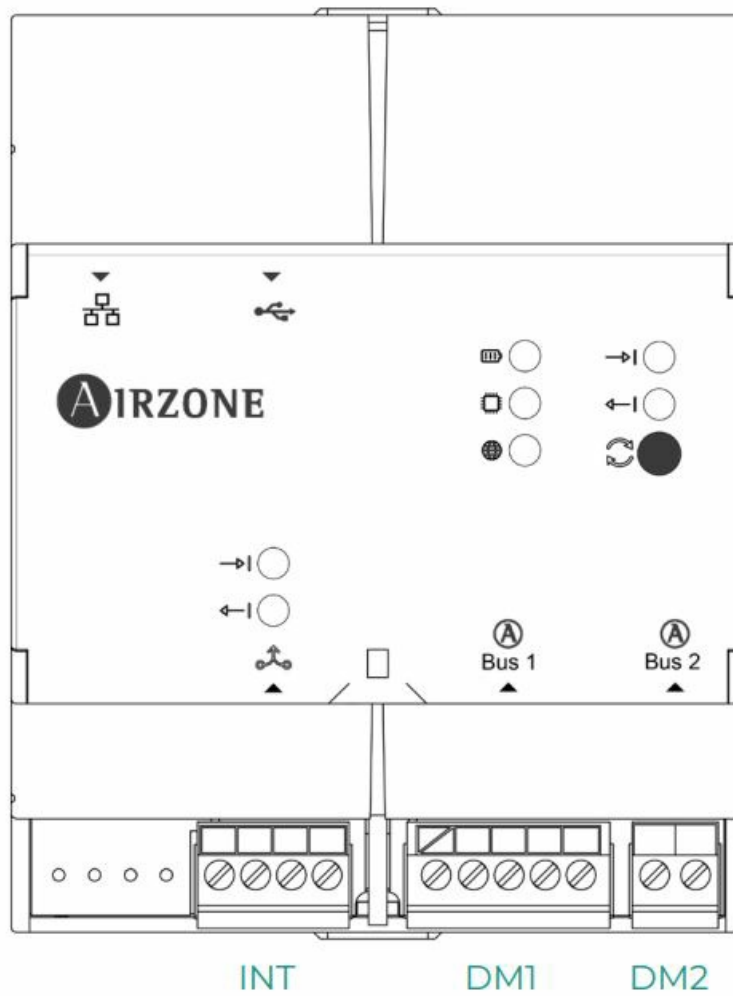
DEVICE ELEMENTS

N°	Description
DM1 - DM2	Airzone connection bus
INT	Modbus-BACnet port
Ethernet	
 x1 	Detect system
 	Reset

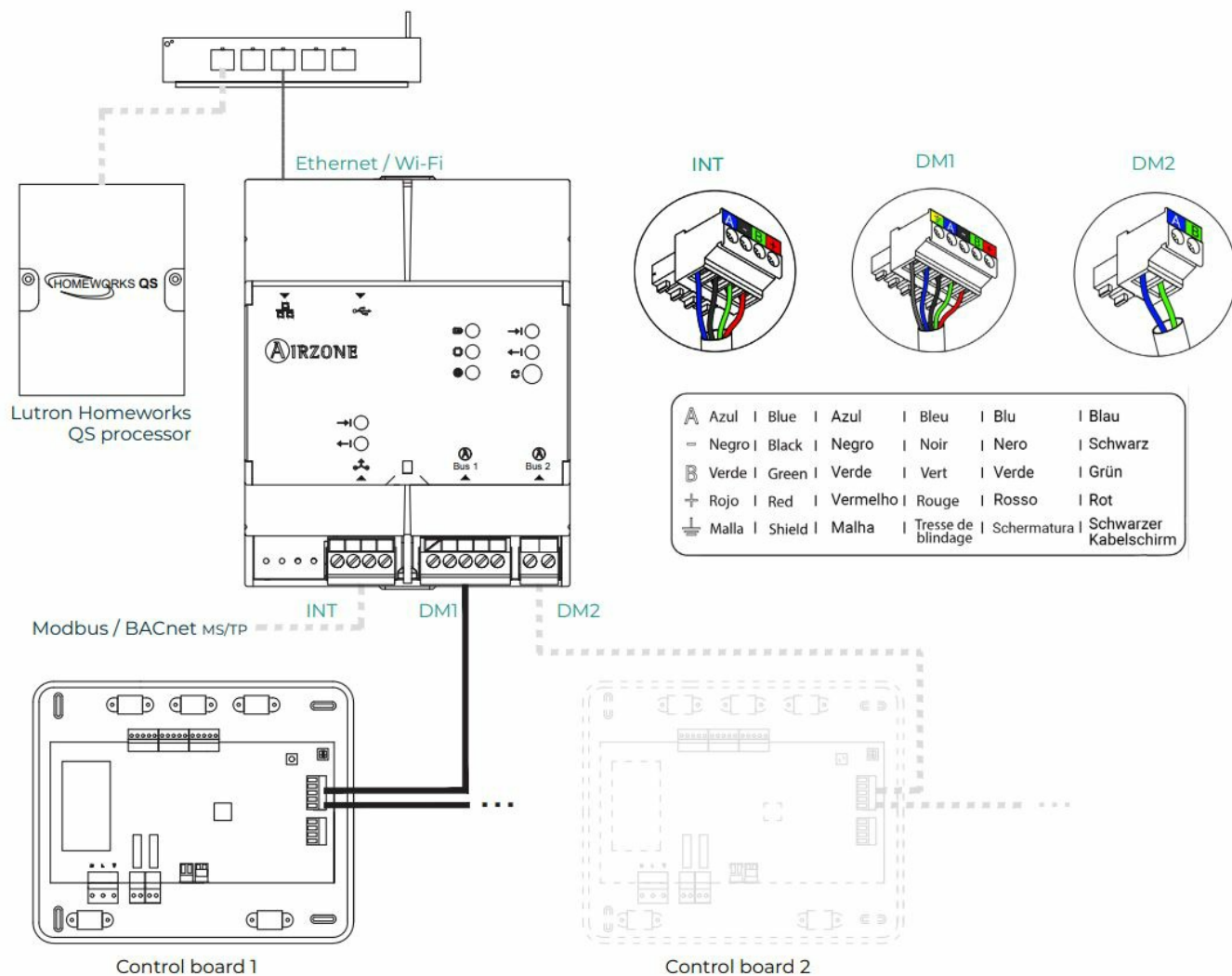
SELFDIAGNOSIS

Meaning			
	Power	Fixed	Red
	Microprocesor performance	Blinking	Green
	Connected to the Internet	Blinking	Green
	Data transmission from Airzone bus	Blinking	Red
DM1 - DM2			
	Data reception from Airzone bus	Blinking	Green
	Data transmission from integration bus	Blinking	Red
INT			
	Data reception from integration bus	Blinking	Green

Ethernet



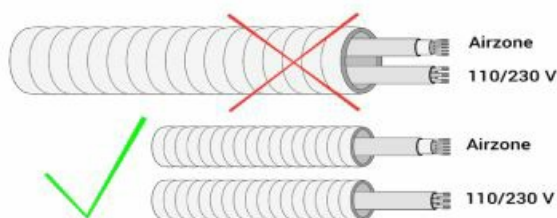
ASSEMBLY AND CONNECTION



Note: All main boards must have different addresses to ensure the correct operation of the system. In case of connecting a new system, press the button  once or click on Detect systems in the Airzone Cloud platform.



Mounted on DIN rail (A) or on wall (B). It must be placed and mounted in accordance with the current electrotechnical regulations. To take the module away, pull the reed down to release it.



CONFIGURATION

To start up the system and configure it, download:



https://doc.airzone.es/producto/Gama_AZ6/Airzone/Comunes/Manuales/MU_AZCLOUD

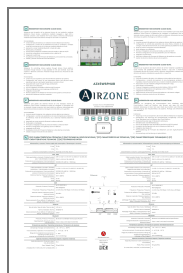


http://doc.airzone.es/producto/Gama_AZ6/Airzone/Comunes/AZX6BACNET.zip



https://doc.airzone.es/producto/Gama_AZ6/Airzone/Comunes/LUTRON_HUB.zip

Documents / Resources



[AIRZONE AZX6WSPHUB Webserver Hub Airzone Cloud Dual](#) [pdf] Instruction Manual
AZX6WSPHUB Webserver Hub Airzone Cloud Dual, AZX6WSPHUB, Webserver Hub Airzone Cloud Dual, Airzone Cloud Dual, Cloud Dual

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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