

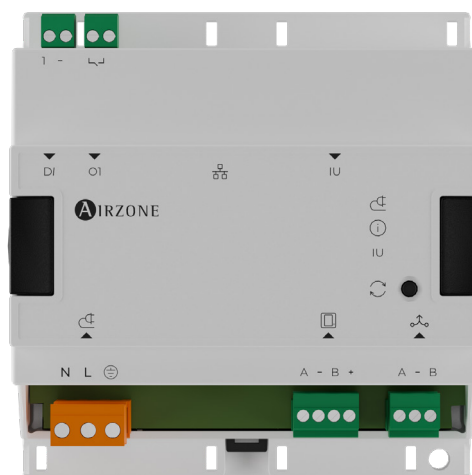
## AZAI8HB2MD2 - Aidoo Pro HUB Midea-Kaysun V6/V8

|                  |               |
|------------------|---------------|
| 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). Wired network connection via Ethernet or wireless via Dual Wi-Fi (2.4/5 GHz). 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.
- Integration: Modbus RTU/TCP or BACnet MS-TP/IP, Airzone thermostat, Lutron Palladium thermostat. Cloud integration with third-party smart thermostats (3PI).
- Local API and Cloud API integration services, mDNS multicast.



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### TECHNICAL SPECS

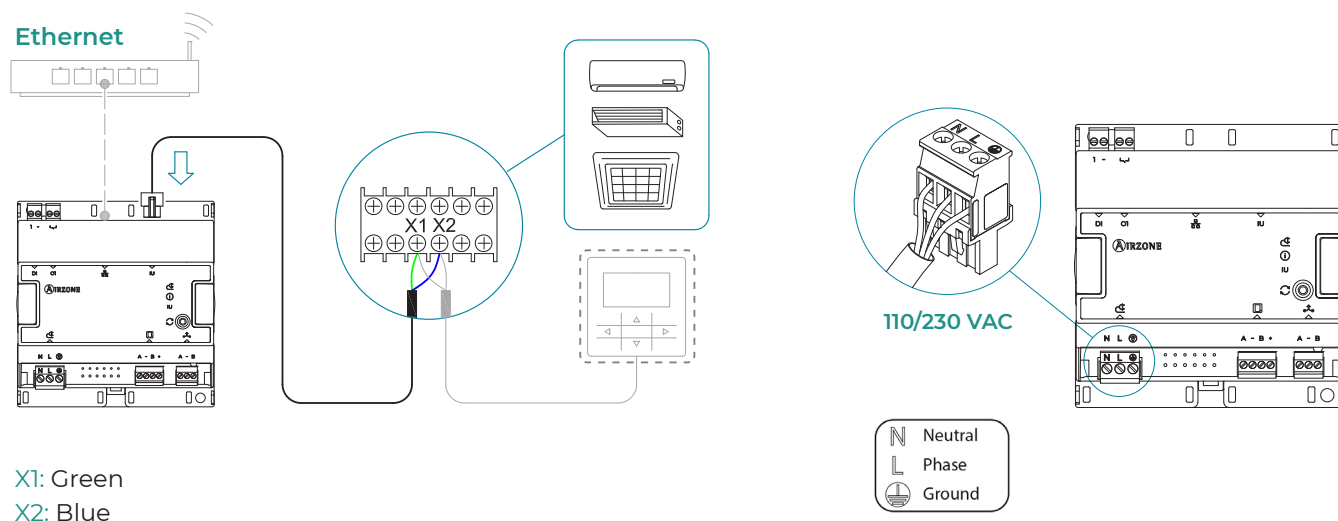
| ☎ - Power supply                        |                                                                                                                                                                                                                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| V max                                   | 110 / 230 Vac                                                                                                                                                                                                                     |
| I max                                   | 250 mA                                                                                                                                                                                                                            |
| Frequency                               | 60 / 50 Hz                                                                                                                                                                                                                        |
| Stand-by consumption                    | 110 Vac (3.4 W)<br>230 Vac (4.3 W)                                                                                                                                                                                                |
| Module over-current protection          | 250 mA                                                                                                                                                                                                                            |
| 📶 - Airzone bus<br>🔌 - Integrations bus |                                                                                                                                                                                                                                   |
| Shielded twisted pair                   | AWG 23 – 2 wired + AWG 20 – 2 wired (2 x 0.22 + 2 x 0.5 mm <sup>2</sup> )<br>AWG 23 – 2 wired + AWG 20 – 1 wired (2 x 0.22 + 1 x 0.5 mm <sup>2</sup> )<br>Min: AWG 24 (0.2 mm <sup>2</sup> ) / Max: AWG 15 (1.5 mm <sup>2</sup> ) |
| Communications protocol                 | RS-485<br>BACnet MS-TP<br>Par – 19200 bps                                                                                                                                                                                         |
| DI - Digital input                      |                                                                                                                                                                                                                                   |
| Voltage-free                            |                                                                                                                                                                                                                                   |
| Max. distance                           | 32.8 ft (10 m)                                                                                                                                                                                                                    |
| OI - Relay output                       |                                                                                                                                                                                                                                   |
| Voltage-free                            |                                                                                                                                                                                                                                   |
| V max (I max)                           | 230 Vac (5A)<br>30 Vdc (3A)                                                                                                                                                                                                       |
| 🌐 - Ethernet                            |                                                                                                                                                                                                                                   |
| Type of cable                           | Min. UTP cat 5                                                                                                                                                                                                                    |
| Standard                                | 100BASE-TX                                                                                                                                                                                                                        |
| IP address                              | DHCP                                                                                                                                                                                                                              |

| IU - Connection to indoor unit |                                                                      |
|--------------------------------|----------------------------------------------------------------------|
| Max. distance.                 | 32.8 ft (10 m)                                                       |
| Wi-Fi                          |                                                                      |
| Protocol                       | WI-FI – CERTIFIED TM<br>802.11a/b/g/n/ac<br>(802.11n up to 150 Mbps) |
| Model                          | LBEE5HY1MW                                                           |
| Communication frequency        | 2.4 GHz (max. 150 Mbps)<br>5 GHz (max. 433 Mbps)                     |
| Max. power, Antenna power      | 17.93 dBm, 0.1 dBi                                                   |
| Sensitivity                    | - 82 dBm                                                             |
| IP address                     | DHCP                                                                 |
| Bluetooth                      |                                                                      |
| Protocol                       | Bluetooth v5.0 EDR and BLE specification                             |
| Bluetooth class                | Class-1, class-2 and class-3 transmitter                             |
| Max. power, Antenna power      | 5.46 dBm, 0.1 dBi                                                    |
| Operating temp.                |                                                                      |
| Storage                        | - 4 ... 158 °F (- 20 ... 70 °C)                                      |
| Operation                      | 32 ... 113 °F (0 ... 45 °C)                                          |
| Operating humidity range       | 5 ... 90 % (non-condensing)                                          |
| Mechanical aspects             |                                                                      |
| WProtection class              | IP 20                                                                |
| Weight                         | 0.46 lb (210 g)                                                      |
| In DIN units                   | 6                                                                    |
| Max. operating height          | 6561.68 ft (2000 m)                                                  |

## DIMENSIONAL DRAWINGS



## INSTALLATION



## SPARE PARTS

- AZPV8WIRE10 - Connection to Indoor unit 8.2 ft (2.5 m) / AWG 24 - 6 wired (6x0.2 mm<sup>2</sup>)

## ACCESORIES

- AZAI6BLUEZERO[C/N] - Airzone Aidoo Pro Blueface Zero Color Thermostat Wired
- AZPV8WIREU - Universal 6-pin 8.2 ft (2.5 m) extension cable for Airzone gateway / Aidoo



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