AIRTOPIA
ENHANCED CLIMATE CONTROL

Installation Guidelines

The Airtopia Controller can be located almost anywhere, most commonly near the router. Wiring between the controller and air conditioner unit should not exceed 50 metres. CAT5 or Figure 8 Flex can be used for wiring of the IR and sensor points. If power consumption data is required then the current transformer (CT) cabling and connections should be installed by a suitably licenced electrician.

IR TRANSMITTER
The Airtopia IR transmitter can be mounted close to the IR receiver window of the indoor air conditioner unit or close to the IR receiver inside the air conditioner.

ROOM TEMPERATURE SENSOR (Optional)
Use the Airtopia temperature sensor to monitor and track room temperature for optimum air comfort and energy efficiency. Refer to Airtopia approved sensor list. Locate the temperature sensor approximately 1.5m from floor and 1m from the edge of the indoor unit. The sensor should ideally be installed where it senses the return air temperature to the unit.

ORDERING CODE 5100DTSSM

POWER STATE FEEDBACK SENSOR (Optional)
Use a current sensor (CT) to monitor the indoor or outdoor unit power, or to read the appliance ON/OFF state. Not required if a CT is connected to the outdoor unit. This procedure should only be undertaken by a licenced electrician. Refer to Airtopia approved CT sensor list.

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CONTACT INPUT (Optional)
Use the Airtopia contact input to trigger a programmable schedule or event; alarm contact, PIR, or micro switch. Refer to software installation guide.

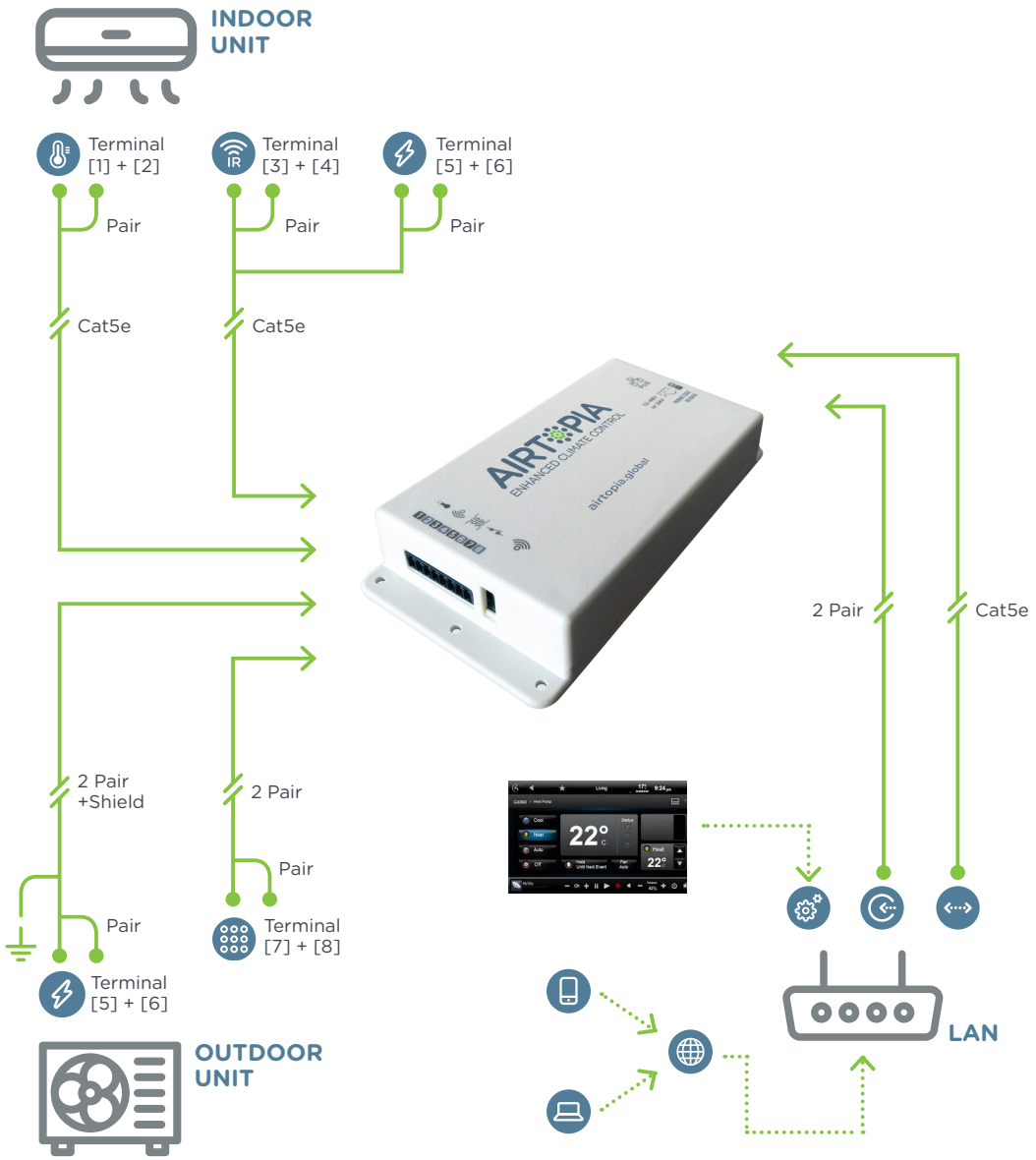
POWER + DATA
Send data and power over a single CAT5 cable utilising Power over Ethernet (PoE). PoE is available as a single port device or optionally as a LAN switch with active PoE capability. Power over Ethernet (PoE): 802.3af, class 1, 48V.

ORDERING CODE POEI6R-560

EXTERNAL POWER SOURCE
The Airtopia controller can be powered using a standard external power source instead of using PoE. Current consumption: 62mA @ 12Vdc

AUTOMATION
The Airtopia controller will connect to most home and building automation systems by utilising:

- **TCP/IP** Refer TCP/IP API Document
- **Modbus** Refer Modbus API
- **C-Bus** Refer C-Bus Application notes



For the control of an air conditioner's functions from a smart device or building automation system.

Refer to software installation guide or download app from **app.airtopia.global**

Application Login - Quick Start Guide

1. On the app select **Settings > My Devices**.
2. Add **[+]** device using serial number and pairing code (on back of the controller).
3. Create a zone and select **Associate**.
4. Select the device and click on **Protocol**, a list will appear.
5. Point the split system's supplied remote at the **IR Receiver** and press **On** or **Mode** to automatically find the correct protocol.
6. Select the best protocol, click **Save & Back**.

Support:
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