

Integrate HVAC systems with Home Automation & BMS

CoolMasterNet Universal HVAC Bridge



New

Advanced bridge for the integration of Air Conditioning systems

CoolMasterNet is a unique hardware solution for a seamless integration of the advanced **VRF / Split** Air Conditioning Systems and Home Automation / BMS Controllers.

Interfacing Home Automation Controllers by **Control4, Crestron, AMX, RTI, Savant, Vantage** and similar, through CoolMasterNet's built in RS232, RS485 and Ethernet communication ports, will provide home end users with full control and monitoring of Air Conditioning indoor units by **Daikin, Mitsubishi, Toshiba, Fujitsu, LG, Hitachi, Gree** and similar. Air Conditioning control will now be implemented from same Home Automation controller of which other tasks, like lighting, shades, security and like are controlled. It will also enable service providers

to access HVAC's most essential parameters required for diagnostic and service purposes.

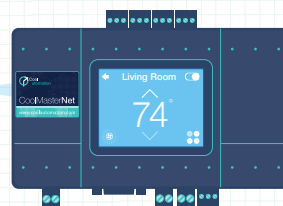
Home Automation integrators and HVAC installers when using CoolMasterNet will not have to worry anymore about the complexity of those advanced HVACs and to deal with their complicated communication protocols. Integration and installation process will be straight forward since CoolMasterNet is a plug & play solution.

Connecting CoolMasterNet to the Internet as a standalone device will enable end users and service providers when using mobile phones, tablets or PCs to remotely access and control those advanced VRF / Splits HVACs via **Coolremote** (coolremote.net), Cool Automation's cloud based solution.

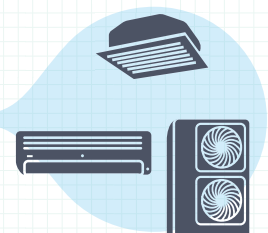


Home Automation / BMS

CoolMasterNet



HVAC Home Automation Bridge



HVAC Systems



CoolMasterNet

Universal HVAC Bridge



- 1 USB Host
- 2 Power
- 3 Power Plug
- 4 RS232 Port
- 5 HVAC Line 1
- 6 HVAC Line 2
- 7 HVAC Line 3 / RS485
- 8 Ethernet Port

- 9 GPIOs
- 10 HVAC Line 7
- 11 HVAC Line 6
- 12 HVAC Line 5
- 13 HVAC Line 4
- 14 USB Device Port
- 15 DIP Switches P, Q, R, S
- 16 LCD Touch Screen



Seamless integration of HVAC systems with all Home Automation / BMS controllers.



Full control & monitoring of HVAC indoor units operation.



Major HVAC brands support e.g. Daikin, Gree, Hitachi, LG, Mitsubishi Electric, Mitsubishi-Heavy, Panasonic/Sanyo, Samsung, Toshiba, Fujitsu, and others.



HVAC systems diagnostics (option).



Interfaces via RS232 (ASCII), RS485 (MODBUS RTU), Ethernet (ASCII & MODBUS IP) for all HVAC brands.



Direct KNX connection (future option).



Simultaneous multi-brand HVAC support (option).



Cloud integration by API (future option).



Touch screen display, for system management and control.



Configurable I/O's (option).



CoolRemote.net – remote access by Smartphone, Tablet and PC. (www.coolremote.net)

