Cool Automation
Experts in HVAC Controls and Integration

Integrate HVAC systems with Home Automation & BMS

CoolMaster**Net**
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, HDL** 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, Samsung, 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 are controlled.
It will also enable service providers to access HVAC's

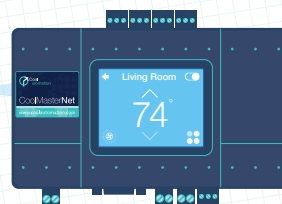most essential parameters required for diagnostic and service purposes.

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 real plug & play solution.

Connecting CoolMasterNet to the Internet as a standalone device will enable end users and service providers when using Smartphones, Tablets or PCs to remotely access and control those advanced VRV / Splits HVACs via **CoolRemote** (coolremote.net), CoolAutomation's cloud based solution.
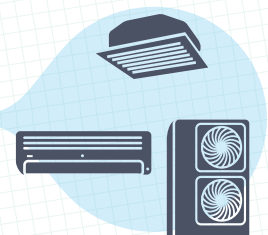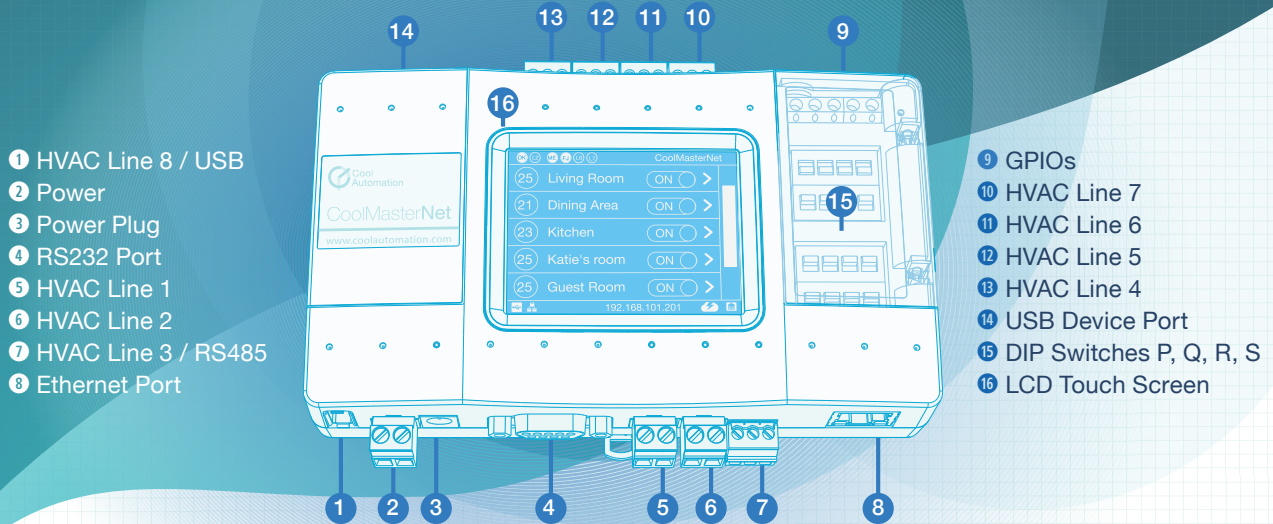
CoolMasterNet

Home Automation / BMS   Universal HVAC Bridge   HVAC Systems

CoolMaster**Net**
Universal HVAC Bridge

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1 HVAC Line 8 / USB
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.

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

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

Simultaneous and unified multi-brand HVAC support.

Touch screen display, for system management and control.

Full control & monitoring of HVAC indoor units operation.

I/O Configurable I/O's.

CoolRemote.net — remote access by Smartphone, Tablet and PC. (http://coolremote.net)

HVAC systems diagnostics (option).

KNX Direct KNX connection via KNX extension board (option).

SDDP SDDP — support for automatic drivers detection and installation

Cloud integration by API (future option).