Cool Automation

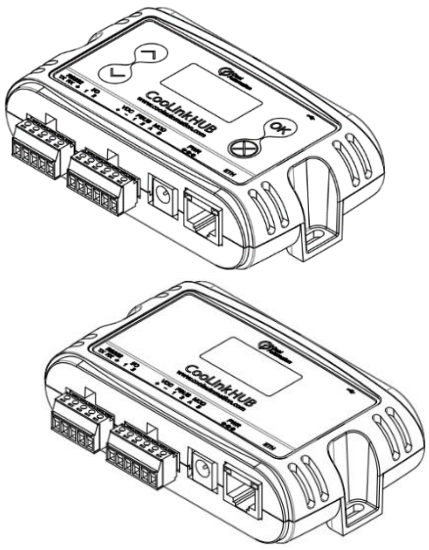
HVAC Control Made Simple

Datasheet: CooLinkHUB

Job Name:		Location:			
Purchaser:					
Engineer:					
Submitted To:		For	Reference	Approval	Construction
Submitted By:		Date:			
Unit Designation:	Schedule #:	Model No.:			

Features:

- Seamless integration of HVAC indoor units with Home Automation / BMS controllers
- Interfaces: RS232 (ASCII), RS485 (MODBUS RTU, PBUS, BACnet), Ethernet (ASCII, MODBUS IP, BACnet/IP)
- Configurable I/O's
- LCD screen to setup, monitor and configure connected CoolPlug unit/s
- Web and mobile application to remotely control and monitor AC units operation (www.coolremote.net)
- Wired version: Simple wiring process between the CoolPlug and the CooLinkHUB.
- Wireless version only: no need for wiring between CoolPlug and CooLinkHUB



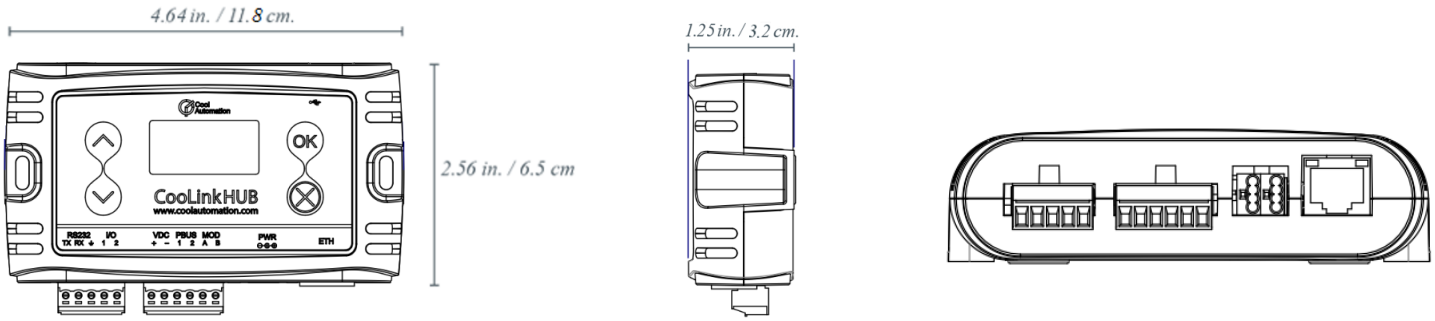
Power	
Power Supply:	External power supply, 9-24 VDC
Power Consumption:	1 Watt
Operating Conditions	
Surrounding Temperature Limits:	-10° C to +60° C +14 F to +140 F
Humidity (%)	0% to 96%
Dimensions (H x W x D) (inches/mm)	2.56 x 4.64 x 1.25 / 65 x 118 x 32
Weight (lbs/kg)	0.26/0.12
Maximum PBU wiring length (ft/m)	3280/1000
Maximum RS232 wiring length (ft/m)	82/25
Maximum Ethernet cable length (ft/m)	450/137
Communication and connectivity	
Maximum connected CoolPlug Units	10
CoolPlug Wired	PBUS interface, 2 wire, shielded, polarized, twisted pair 20-24 AWG
CoolPlug Wireless (Wireless model Only)	2.4 Ghz, spread spectrum 802.15.4 , wirelesss mesh
Wireless range (ft/m)	65/20
RS232 Communication	ASCII Interface

CoolAutomation products are subject to continuous improvements. CoolAutomation reserves the right to modify product design, specifications and information in this datasheet without notice and without incurring any obligations.

Dimensional drawings:

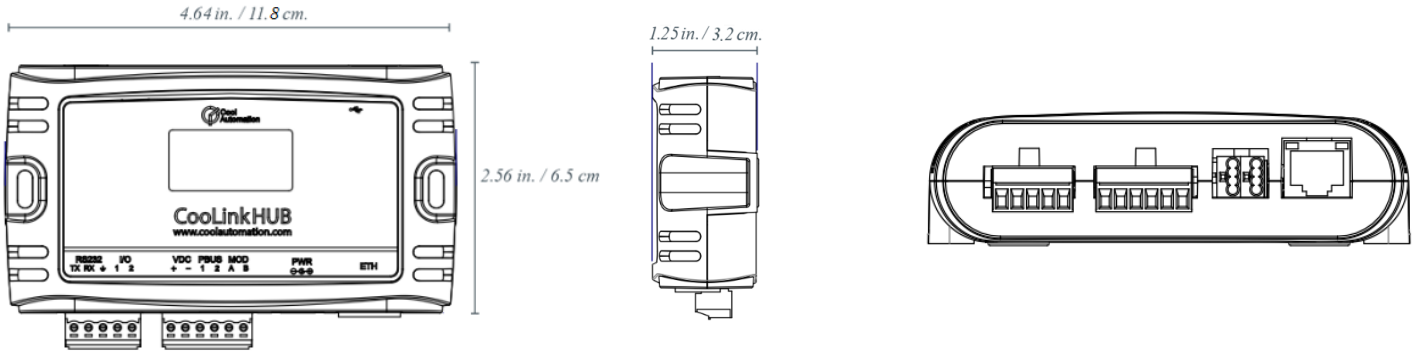
CooLinkHUB Wireless Model

Front View **Side View** **Bottom View**



CooLinkHUB Wired Model

Front View **Side View** **Bottom View**



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