

SETUP & PROGRAMMING

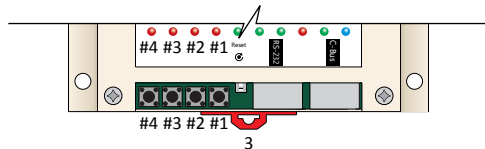
Enable/disable Autosave

If autosave function is activated, reconnecting main power will set all outputs to the last status (before power outage).

In order to enable/disable autosave follow steps below consecutively and uninterruptedly:

1. Disconnect the main power. Hold button #1 & #2 simultaneously (button's and LED's number sequence is considered from right to left as shown in following picture).
2. Reconnect the main power. Release button #2 after LEDs #1 to #4 flashed. Then release button #1 after LEDs #1 and #2 flashed. Power LED will start flashing quickly.
3. Press button #2, 4 times.
4. To disable/enable autosave mode, press button #1. LED #1 will display whether autosave mode is disabled or enabled. If it is "on" the autosave mode is enable.
5. Press button #3 to save the module address and button #4 to cancel.

⚠ It is recommended to disable autosave unless it is needed to be enabled.



CLIMAX[®]

Live in Harmony

INSTALLATION GUIDE version 1.0.2



IP GatewayPro (CL-DR-IPGWP-4X8A)

Product Specification	Input Voltage	18V-24V DC (24V DC is recommended)		
	Input Current	150mA (for 24V DC)		
	I/O Connections	C-Bus	1 X RJ45	
		RS-232	1 X RJ45	
		Output	4 X relay channel-8A per channel (rising-edge 5mm screw terminals)	
		Input	1 X digital dry contact input (pin1 & pin2 from RS-232 port)	
	Network	2 X RJ45		

1

SETUP & PROGRAMMING

Module's LEDs

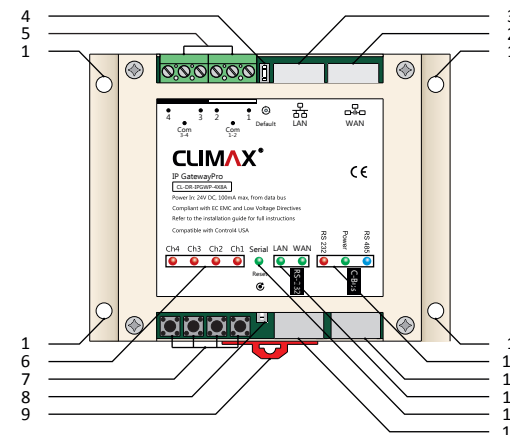
- **RS-485:** This LED flashes if the module receives valid data packets and will remain "on" for 5 seconds when the module is receiving invalid data packet from other devices in same C-Bus network.
- **Power:** When the module is connected to main power, all Status LEDs flash for 1 second, then "Power LED" remains "on".
- **RS-232:** This LED flashes if the module receives valid data packets and will remain "on" for 5 seconds when the module is receiving invalid data packet from Control4 Home Controller.
- **WAN:** WAN LED flashes when WAN port is connected to the network switch.
- **LAN:** LAN LED flashes when LAN port is connected to the network switch.
- **Serial:** This LED flashes when the module sends or receives any data from RS-232 port.
- **Ch1 to Ch4:** Shows the status of module's relays.

Change Device Address

The device address is fixed to "1" and is not variable.

4

PART DESCRIPTION



1. Screw holes
2. WAN port
3. LAN port
4. Reset network settings button
5. Output connectors
6. Channel LEDs
7. Control buttons (1-4)
8. Reset & Update Module button
9. Rail mounting clips
10. Internal Gateway status LEDs
11. RS-485 jack
12. Network status LEDs
13. RS-232 LED
14. RS-232 jack

2

SETUP & PROGRAMMING / WIRING 1

WAN and LAN Configuraon:

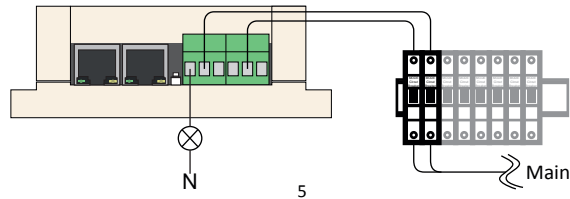
	IP Address	Descripon
WAN Port	Obtains its IP address from DHCP server	Stac IP address is recommended
LAN Port	192.168.16.254	It is included DHCP server: 192.168.16.0/24

⚠ To setup WiFi or other parameters visit www.climaxgroups.co.uk

⚠ To restore network sengs to factory default press and hold Default bu on for more than 7 seconds.

	Operaon Mode	Port	Mode	Default Mode	Port	Mode
Serial 1	9600,8,n,1	8080	TCP-Server	115200,8,n,1 (use for update)	8080	TCP-Server
Serial 2	9600,8,n,1	8081	TCP-Server	Disable		

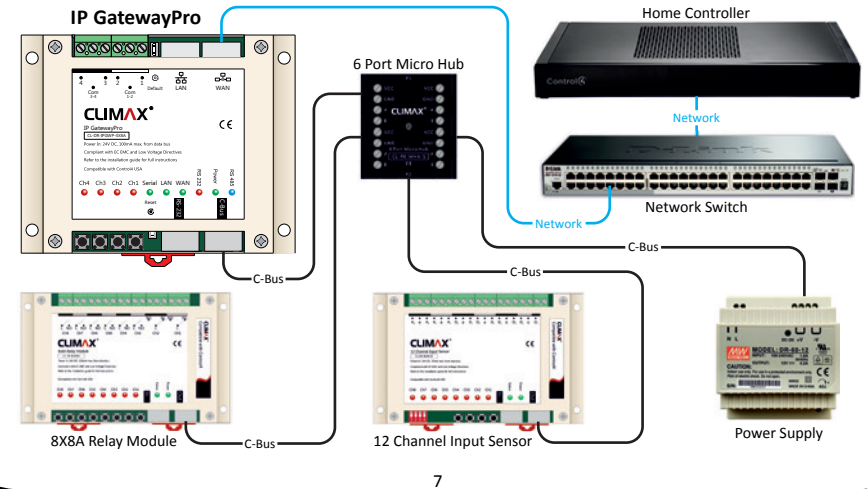
Wiring1: Follow the diagram below to protect module in case of unwanted short circuit.



5

WIRING 3

Follow the diagram below to use module's internal gateway feature.



7

WIRING 2

Use following instrucon to connect the module to C-Bus network with Cat6 cable.

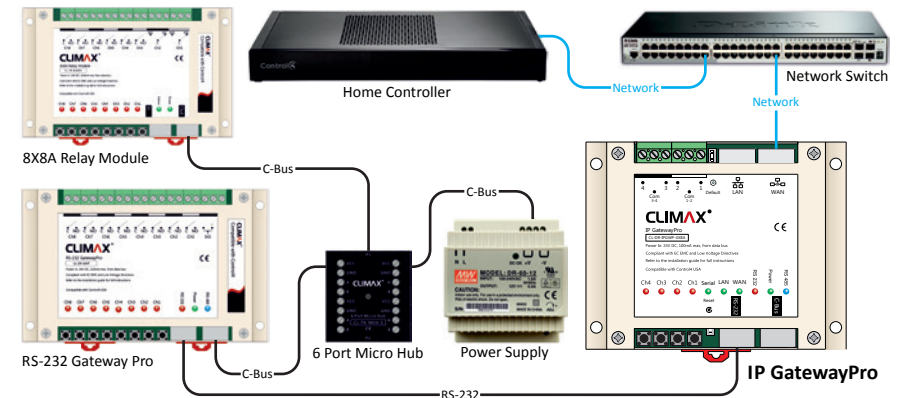
	Color	Color Name	Pin	C-Bus	RS-232
8	Orange/White	Orange/White	1	A(DATA+)	Dry Contact
7	Orange	Orange	2	B(DATA-)	Dry Contact
6	Green/White	Green/White	3	TXD *	RXD
5	Blue	Blue	4	RXD *	TXD
4	Blue/White	Blue/White	5	GND	GND
3	Green	Green	6	GND	GND
2	Brown/White	Brown/White	7	VCC	VCC
1	Brown	Brown	8	VCC	VCC

* When module's internal gateway uses serial data packets instead of network data packets, internal jumper must be changed.

6

WIRING 4

Follow the diagram below to connect other devices to the RS-232 port.



8

Both wiring methods (Wiring 3 & Wiring 4) can be used together at the same me.