

## RF/IR Extender & IR Extender

CL-DR-IRF & CL-DR-IR8

Version: 1.0.2



- ✓ Compatible with home automation systems
- ✓ Adds up to eight additional IR outputs
- ✓ Able to capture IR codes from any IR remote control
- ✓ Equipped with two RF outputs at 315/433 MHz
- ✓ With an external RF output for any custom RF module
- ✓ Capable to capture RF codes from any RF remote control

### RF/IR Extender & IR Extender

With RF/IR Extender, Climax introduces one of the most advanced RF and IR systems in the market. This multi functional device delivers IR and RF features all in one. With adding up to 8 IR outputs, it simply integrates IR devices such as television, air conditioner and electric curtains with smart home system. This device is also capable to capture IR codes of any IR remote control.

As the name suggests, RF/IR Extender operates also in radio frequency. With two RF inputs and outputs which work at 315MHz and 433MHz (ASK), it can transmit and receive RF code. It can also capture RF codes of any RF remote control. By using this outstanding device you can integrate every RF devices with smart home system.

RF/IR Extender is equipped with an external output for custom RF modules such as FSK modules. This product has been designed to be used in two different ways. It can operate in "network mode" through C-Bus connections via "RS-232 GatewayPro" as well as "direct mode" in the absence of "RS-232 GatewayPro".

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## Product Specification

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<b>Technical Specification</b>		
Input Voltage	8V-24V DC	
Input Current	100mA (for 24V DC)	
I/O Connections	C-Bus	2 X RJ45
	RS-232 (Direct Mode)	1 X RJ45
	Output	8 X IR Channel (4 X rising-cage 5mm screw terminals & 4 X 3.5 mm jack socket)
		3 X RF Output* (1 X 315 MHz – 1 X 433 MHz – 1 X for custom modules)
	Input	1 X IR input
		3 X RF input* (1 X 315 MHz – 1 X 433 MHz – 1 X for custom modules)
<b>DIMENSIONS</b>		
Net	Length	114.0 mm
	Width	90.0 mm
	Height	40.1 mm
Package	Length	162.0 mm
	Width	101.8 mm
	Height	81.4 mm
<b>Environmental</b>		
Temperature	Operational	32° F - 95° F (0° C - 35° C) All load ratings are based on an ambient temperature of 25° C.
	Storage	14° F – 140° F (-10° C –60° C)
Humidity	Operational	5% to 80% non-condensing
	Storage	5% to 95% non-condensing
<b>Miscellaneous</b>		
Housing	Acrylonitrile butadiene styrene (ABS)	
Color	Light almond	
<b>Weight</b>		
Net	160±5 gr	
Package	260±5 gr	

\* These Items are only available in RF/IR Extender (CL-DR-IRF).