

# Control4 Driver KMTronic LAN Ethernet IP 8 channels WEB Relay board



## Buying the device

On the KMTronic (kmtronic.com) online shop ,search for: **KMTronic LAN Ethernet IP 8 channels WEB Relay board.**

## License

To obtain a valid license code for the driver, you have to send us a message through the contact form you can find at:

[http://c4.soft.kiwi/kmtronic\\_relay.html](http://c4.soft.kiwi/kmtronic_relay.html)

Wee will follow-up on your message as soon as possible, and during the buying process we will ask you:

- Your email address (in order to get the first license for free, use your dealer email)
- The Control4 controller **Mac Address** (Composer > Tools > System Manager)
- The number of KMT Relay boards you plan to install (the first free dealer license is limited to 2 boards)

The license we send you will be bound to such data.



### Device setting (from the KMTronic Howto)

The default IP address of the device is 192.168.1.199. If your LAN IP mask is different, you need one time access to network 192.168.1.x to change default setting of KMTronic.

Open a browser and type 192.168.1.199.

The default user is *admin* with password *admin*.

In "Configuration" menu you can change default IP Address, Gateway and HTTP Port.

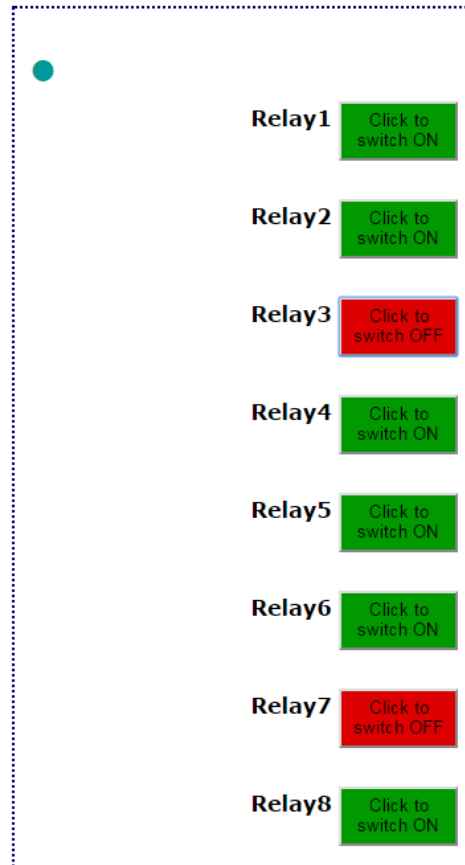
For the integration with Control4, the device must have a fixed IP address. Please, set it on the device or in your DHCP server setting.

In "Authorization Configuration" you can change username name and password for device authentication. They will be required during the Driver configuration, so write them down.

v.1.1

- Relay Control
- Configuration
- Authorization Configuration

## Relay Control



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In the relay control interface you can test your device relays.

## Driver installation

Install the driver in your Control4 project using the composer (as any other driver) and set the following properties:

Property	Value
Debug	On
KMTronic IP	192.168.1.199
KMTronic Port	80
KMTronic User	admin
KMTronic Password	admin
Polling	On
Polling seconds	2
Dealer e-mail	soft.kiwi@kiwifarm.it
Max KMT Relay Devices	1
License code	73bf265b34dab026fb8408de75fa402ac0561bc7
License Status	Licensed

- **Debug:** in normal operating conditions is better to set it to "Off"
- **KMTronic IP:** device IP you set in the previous step.
- **KMTronic Port:** device HTTP Port if you changed it.
- **KMTronic User & KMTronic Password:** the one you use to access to the device from a browser (web interface).
- **Polling:** Set it to "On" only if you plan to change the state of the relay from the native KMTronic web interface, otherwise it is not necessary.
- **Polling seconds:** select the frequency you want to update Control4 about the change coming from the KMTronic web interface.
- **Dealer e-mail:** the email you communicated to obtain the license of the driver. The license is bound to such email.
- **Max KMT Relay Devices:** maximum number of KMT Relay boards you are connecting to the C4 controller. It is the number we asked during the license buying process and

the license is bound to such number. The first license dealers get for free is limited to 2 boards.

- **License code:** copy & paste here the license code we sent to you during the license buying process.

## Connection

For each relay, you will find a KMT Relay *connection* that allows to connect it to the proper device (eg: relay, fan, pump, gate, blind, ...)

Control & Audio Video Connections				
KMTronic IP Relay				
Name	Type	Connection	Input/Output	Connected To
<b>Control Outputs</b>				
KMT Relay 1	Control	RELAY	Output	gate->Relay, Relay 1->Relay
KMT Relay 2	Control	RELAY	Output	Relay 2->Relay
KMT Relay 3	Control	RELAY	Output	Relay 3->Relay
KMT Relay 4	Control	RELAY	Output	Relay 4->Relay
KMT Relay 5	Control	RELAY	Output	Relay 5->Relay
KMT Relay 6	Control	RELAY	Output	Relay 6->Relay
KMT Relay 7	Control	RELAY	Output	Relay 7->Relay
KMT Relay 8	Control	RELAY	Output	Relay 8->Relay

RELAY Input Devices			
Device	Name	Location	Connections
Fan	Relay	Room	
Pump	Relay	Room	
gate	Relay	Testing KMTronic	KMTronic IP Relay->KMT Relay 1
Led1	Relay	Room	
Software Thermostat	Heating	Testing KMTronic	
Software Thermostat	Cooling	Testing KMTronic	
Software Thermostat	Fan	Testing KMTronic	
Relay 1	Relay	Testing KMTronic	KMTronic IP Relay->KMT Relay 1
Relay 2	Relay	Testing KMTronic	KMTronic IP Relay->KMT Relay 2
Relay 3	Relay	Testing KMTronic	KMTronic IP Relay->KMT Relay 3
Relay 4	Relay	Testing KMTronic	KMTronic IP Relay->KMT Relay 4
Relay 5	Relay	Testing KMTronic	KMTronic IP Relay->KMT Relay 5
Relay 6	Relay	Testing KMTronic	KMTronic IP Relay->KMT Relay 6
Relay 7	Relay	Testing KMTronic	KMTronic IP Relay->KMT Relay 7
Relay 8	Relay	Testing KMTronic	KMTronic IP Relay->KMT Relay 8
Blinds 2	Relay Up	Testing KMTronic	up->Relay
Blinds 2	Relay Down	Testing KMTronic	down->Relay
Software Thermostat 2	Heating	Testing KMTronic	
Software Thermostat 2	Cooling	Testing KMTronic	
Software Thermostat 2	Fan	Testing KMTronic	
Software Thermostat 3	Heating	Testing KMTronic	
Software Thermostat 3	Cooling	Testing KMTronic	
Software Thermostat 3	Fan	Testing KMTronic	

You simply have to create new connections.

The following incoming commands from other drivers are supported: OPEN, CLOSE, TOGGLE & TRIGGER.

Have fun with our Homemade Organic Drivers!

[c4.soft.kiwi](http://c4.soft.kiwi)