

# NETWORK CONFIGURATION INSTRUCTIONS OF RELAY ALARM SYSTEM FOR DEEPWAVE

### Prerequisites

- To configure and test the DeepWave Relay Alarm System you need:
- 1) Relay Alarm System device with power supply
- 2) CD with Software Brainboxes Boost.IO Suite 3.7
- 3) TSLog21 program version 1.3.2.0 or later installed and configured
- 4) Browser FireFox
- 5) Port 9500 open on the network

#### Configuration

- 1. Connect the Ethernet cable and power to the Relay Alarm System.
- 2. Launch the Boost.IO Manager program on your PC using the provided CD (BrainBoxes Boost I/O Suite 3.7).



3. Press the F5 key.



If you don't see your device, check the Ethernet and power connections.

- 4. Note the IP address assigned to the device (for example 192.168.1.254).
- 5. Open the Firefox browser and type the IP address you just noted.

Device Server - Home × +				-	o ×
← → ♂ ○ 🔒 10.0.0	244/#/home		☆ Q. Cerca		
		Device Name: ED-038 Location:	Model: ED-038 Firmware: 6.42T MAC: 00:0A:4F:05:BE:F1		
	Newsort   Particular   Particular  <	Up Time: the 32min 52a Up Time: the 32min 52a Location -Vin A ON Control Contro	Charation		

If you don't see the page, check your Ethernet and power connections.

- 6. Make a note of the Mac Address to know exactly which device you are modifying, in case you have more than one. The Mac Address is located at the top right, MAC, and is written on a label on the device).
- 7. Select Network.

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← → C () A 10.0.0.244/#/network		☆ Q Cerca		⊌
	Deck Name ED 030 Location: Up Time: thr.36min21sec         null the Network Administrator before changing any settings.         (IP 04000)       VeD Secret/Lind?         and PA doeses Advanticative (Use OFCP) (go there: Advances)       0       0         Butter Makes at 10       0       0       10         advewary Address.       0       0       10       10         advewary Address.       0       0       10       10	Mode ED-008 Filmeare 6.42T IAC: 000A-47:05E F1		

- 8. Select Assign Static IP Address and fill in the IP address with a free IP address on your network, fill in Subnet Mask and Gateway Address appropriately. Press Save. Wait 20 seconds and remove and reconnect power to the Relay Alarm System.
- 9. Type the new IP address into FireFox. If the page opens then the change was successful, otherwise repeat the procedure.

Line	Mode	Power-On Value	Safe Value	Quick Stop Value	Debounce Time (ms)
RL 0	Relay	OFF V	OFF v	OFF V	N/A
RL 1	Relay	OFF V	OFF V	OFF V	N/A
RL 2	Relay	OFF V	OFF v	OFF V	N/A
Din 0	Digital Input	N/A	N/A	N/A	30
Din 1	Digital Input	N/A	N/A	N/A	0
Din 2	Digital Input	N/A	N/A	N/A	0

10. To configure the operation of the button select IO Lines.

- Save Cancel Changes
- 11. Configure the fields as in the example and click Save.

#### Test

- 1. Start TSLog21 configured to connect to a Helios.
- 2. Log in to the program with an Administrator user.
- 3. Select Archive $\rightarrow$ Alarms $\rightarrow$ Alarm configuration  $\rightarrow$ Methods $\rightarrow$ Relays and press the Test button.

TSLog21										-	$\rightarrow$
cesso	Dati	Visualia	zzazione	20 Ev	ents A	rchivio Co	nfigurazione				
tazioni	Utenti	Group	Sensor	Allarmi	Gatev	way e Nodi	Salvataggio e	ripristino			
🤼 L	Itenti all	armi 🍃	👌 Gru	ppi allar	mi 🐧	👌 Configu	razione allarn	ni			
Generale	Metodi		<u> </u>			-					
E-Mail S	SMS Rela	ays									
1	Below	minimum	Above n	naximum	🗌 NaN	No power	Battery low	Sensor error	🗌 No data node		
2	Below	minimum	Above n	naximum	🗌 NaN	No power	Battery low	Sensor error	No data node		
3	Below	minimum	Above n	naximum	🖂 NaN	No power	Battery low	Sensor error	No data node		
						<u> </u>					

4. Type the IP address of the device to be tested.



- 5. To activate the relays, change the state of the relevant control (Relay 0, 1, 2).
- 6. The Get button allows you to obtain the current status of the relays from the module. To verify the correct functioning of the button, activate a relay and press the button to verify that the relay is reset.

## Alarm configuration on TSLog21

- 1. Start TSLog21 configured to connect to a Helios.
- 2. Log in to the program with an Administrator user.
- 3. Select Archive $\rightarrow$ Alarms $\rightarrow$ Alarm users.
- 4. Assign a name to the user and write "ED038:[Device IP address] in the Email field.

🕼 AlarmUser		
Nome	RelèAlarm	
Descrizione	Allarme locale Relè	
Telefono		
EMail	ED038:192.168.1.200	
Abilitato		

- 5. Enable it by using the button below the Email field
- 6. Click OK and reopen it immediately after.
- 7. Assign the Alarms for which the relay must trip in the Alarms box.

