



INT-TCPIP-ODY

ODYSSEY / OWL TCP/IP

COMMUNICATION INTERFACE

MANUAL 220429

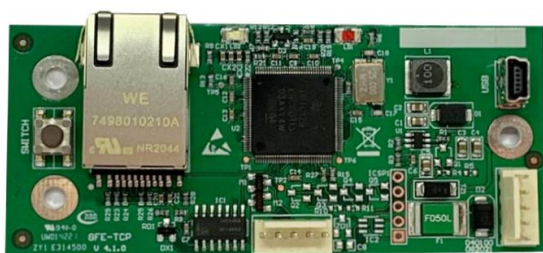
MADE IN PORTUGAL - EU

GLOBAL FIRE EQUIPMENT S.A.

Sítio dos Barrabés, Armazém Nave Y, Caixa Postal 908-Z, 8150-016 São Brás de Alportel - PORTUGAL | Tel: +351 289 896 560
Email: info@globalfire-equipment.com | Technical Support: techs@globalfire-equipment.com | www.globalfire-equipment.com

CONFIGURATION MANUAL

GENERAL DESCRIPTION



INT-TCPIP-ODY interface offers a dedicated solution for ODYSSEY XL and OWL Fire Monitor software integration with OCTO+ / GEKKO / NODE+ / G-ONE or CHAMELEON REP panels. It uses TCP protocol to send and receive information. Up to 64 systems can be connected to the same graphical monitoring software. Network configurations are stored into the interface through the available USB connector.

TECHNICAL SPECIFICATIONS

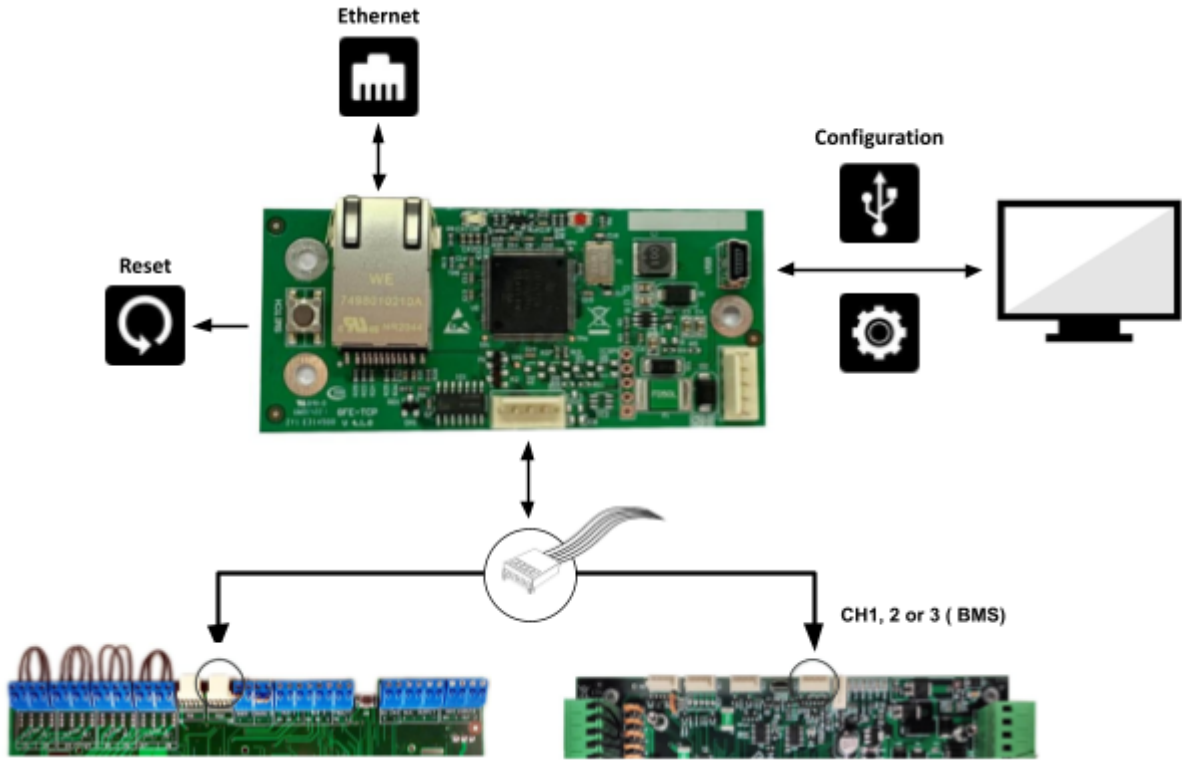
INT-TCPIP-ODY	
SUPPLY VOLTAGE	24V DC
SUPPLY CURRENT	28 mA
CONFIGURATION	USB mini
COMMUNICATION CONNECTOR	RJ45
INPUT	Restart switch
OPERATING TEMPERATURE	-10°C to 50°C
DIMENSIONS	90 (L) x 40 (W) mm
WEIGHT	24 g
COMPATIBILITY	Windows XP/7/8/10, MacOS, Linux, Android, IOS
SOFTWARE COMPATIBILITY	ODYSSEY XL & OWL fire monitor
PANEL COMPATIBILITY	OCTO+ / GEKKO / NODE+ / G-ONE or CHAMELEON REP

CONFIGURATION

Interface power and communication is achieved via a 5way flat cable that's connected to a 5 pin molex connector available at panels and interface.

ODYSSEY protocol is transmitted via selectable channel connector available in OCTO+ / GEKKO / G-ONE or CHAMELEON REP.

CONNECTION DIAGRAM



OCTO+ / GEKKO / G-ONE / CHAMELEON REP BMS settings:

BMS Channels (8-5-6):

BMS - (CH 1 or 2) - GEKKO

BMS - (CH1, 2 or 3) - OCTO+

ADD = 01 to 64

Please refer to panels Installation Manual to learn more about the BMS channels.

```
8-5-6 BMS Setup
Use ▲ , ▼ and ► to configure
CH2 : ODYSSEY                      ADD:01
Warning: Panel will reboot at the end.
```

CONFIGURATION: INTERFACE

Configuration Software set-up

Connect interface to computer using only USB connector (no other cable should be connected). Regarding USB driver installation, computers with Windows 10 do not require additional steps, while the remaining Windows operating systems drivers must be loaded in order to create a virtual COM (VCOM). Necessary drivers are available for download in our web page

<http://www.createc.pt/v1/gfe>

Interface communication is put in place via a 'serial port emulator'. We will use 'PuTTY' during next steps also available for download at above web page.

After connecting interface to computer, check device manager to find number of COM port attributed to interface.

NOTE: Panel must be completely OFF when connecting/disconnecting 5 way flat cable otherwise panel and/or interface could be damaged.

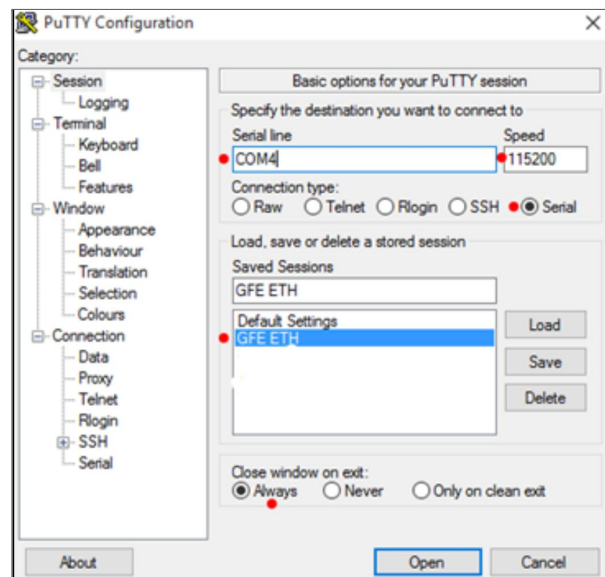


Serie USB (COM4)



At this stage please execute 'PuTTY' directly available from INT-TCP/IP-ODY homepage indicated above, and select options highlighted in bellow screenshot followed by 'open'

Next steps will be performed in the console window created after clicking 'open' at PuTTY.



Configuration Procedure

NOTE: IP address, Subnet Mask and gateway must be introduced in its complete form, including zeros on the left (ex: 192.168.001.020)

Execute below commands to configure network parameters:

1. IP Address: **wip4=xxx.xxx.xxx.xxx** <enter>
2. Subnet mask: **wsu4=xxx.xxx.xxx.xxx** <enter>
3. Gateway: **wga4=xxx.xxx.xxx.xxx** <enter>
4. Odyssey Port (default: 10001): **wody=xxxxx** <enter>

Always insert five digits

With command 'rdat=' it's possible to check all sent parameters which can be redefined individually.

Please view screenshots of above steps and 'rdat='.

```

COM5 - PuTTY
wip4=192.168.001.153
Command Accepted!

wsu4=255.255.255.000
Command Accepted!

wga4=192.168.001.254
Command Accepted!

wody=10001
Command Accepted!

rdat=
    
```

```

COM3 - PuTTY
***** SAVED SETTINGS: *****

FIRMWARE VERSION: 4.5.2

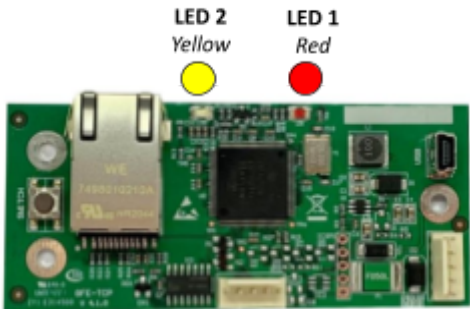
TYPE INTERFACE: GFE-TCP-ODY
CLIENT OR SERVER: SERVER ON
DHCP ACTIVATED: OFF
IP ADDRESS TYPE: ADDRESS V4

IPV4 ADDRESS: 010.000.011.142
SUBNET ADDRESS: 255.255.255.000
GATEWAY ADDRESS: 010.000.011.001
ODYSSEY PORT: 10001

*****
ATTENTION:
Never disconnect interface,
with USB communication in progress!!!
*****
    
```

DIAGNOSTICS

Interface

INT-TCP/IP-ODY	LED 2	LED 1	DESCRIPTION
	OFF	OFF	No Power. Connecting to Panel
	ON	ON	In error, restart
	I/O	1s	Normal state, to communicate
	I/O	30s	No protocol, no communication
	ON	OFF	In error, locked, restart
	OFF	ON	In error, locked, restart



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