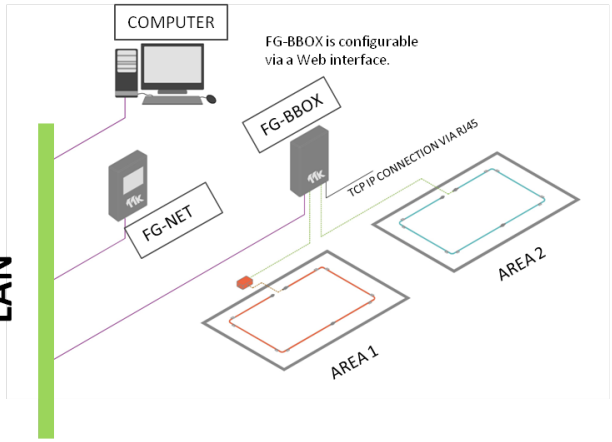
LIQUID LEAK DETECTION SYSTEMS

For more information, www.ttkuk.com; www.ttkasia.com; www.ttkusa.com; www.ttkcanada.com; www.ttk.fr.

FG-BBOX Web Interface

Introduction

- The FG-BBOX is an external device of the FG-NET Digital Unit. It expands FG-NET to manage two additional circuits of sense cables. The FG-BBOX is monitored by FG-NET via a standard Ethernet network.
- FG-BBOX can be configured remotely on a computer (windows, Linux or Macintosh exploitation system).

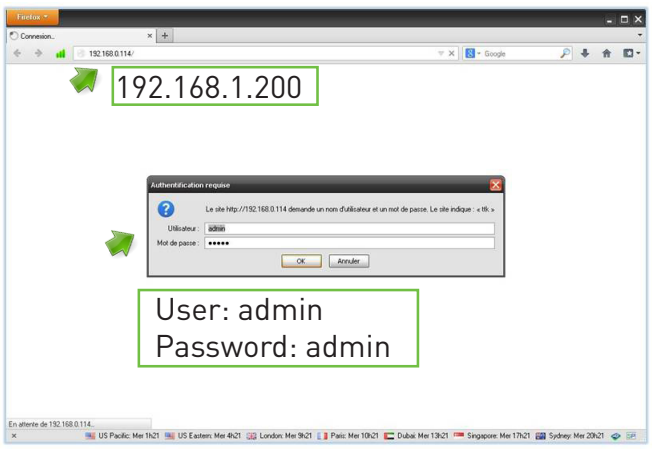


Connection diagram of FG-NET, FG-BBOX and a PC in a Network

1 IP Setting of FG-BBOX

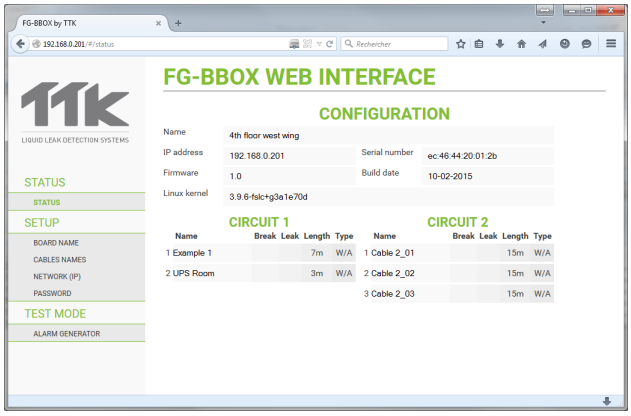
- Connect a computer to FG-BBOX through an existing network, or make a direct connection with a crossover cable and manual IP set on the computer using those settings:
  - **Computer IP: 192.168.1.100**
  - **Netmask: 255.255.255.0**
  - **Gateway: 192.168.1.1**
- Open a web browser (Firefox is recommended) and enter the FG-BBOX default IP in the address bar (**192.168.1.200**).

  FG-BBOX will prompt for login/password, enter "**admin**" and "**admin**". The FG-BBOX web interface will be displayed.



2 'STATUS' Menu

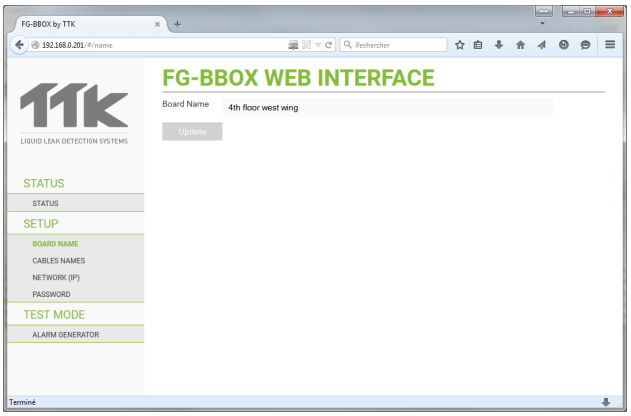
- FG-BBOX web interface consists of three main menus: Status, Setup and Test Mode.
- The menu "Status" gives a general view of the FG-BBOX's configuration and its real time status: alarms will be displayed on this interface. Data under this menu is generated automatically by the system.



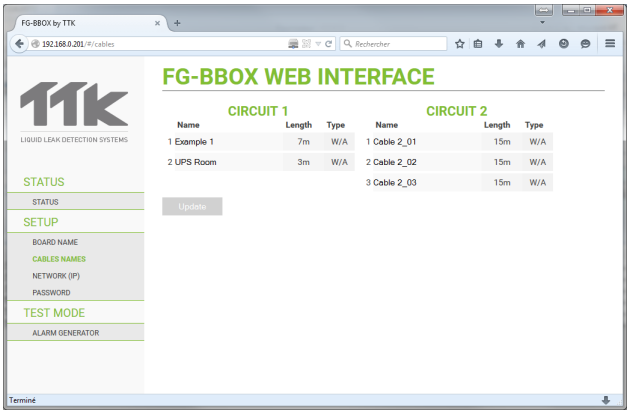
CONFIGURATION	FG-BBOX unit's system information.
CIRCUIT 1, CIRCUIT 2	Details of all connected cables on the two circuits of the FG-BBOX unit.

3 'SETUP' Menu

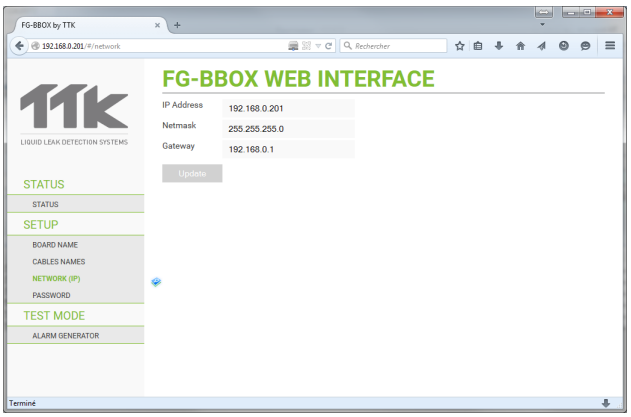
- Under "**Setup**" menu: "**Board Name**" is the name of the concerning FG-BBOX unit. It can be renamed by the user.



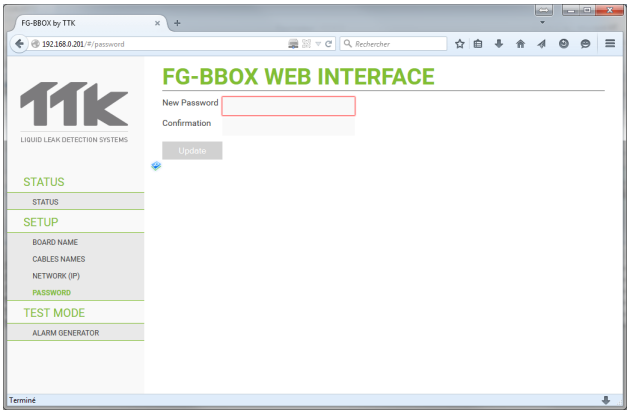
- "**Setup**" > "**Cables Names**": all connected cables will be detected automatically by FG-BBOX, their length and type will be displayed (Type: W/A: Water or Acid leak detection sense cable). Each sense cable can be renamed by the user.



- "**Setup**" > "**Network**": Network configuration interface, including IP address, Netmask and Gateway.

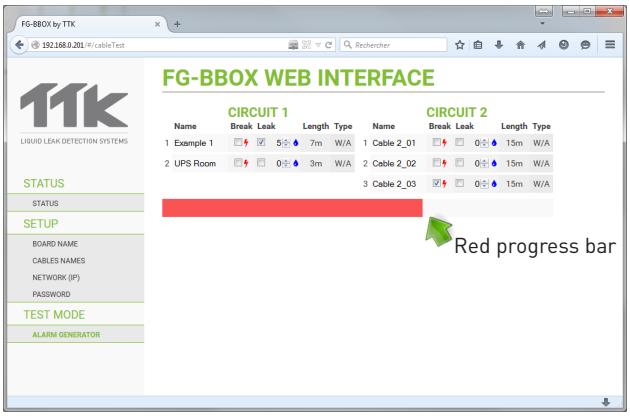


- "**Setup**" > "**Password**": the user can modify the defaut password. The same password will be needed on FG-NET unit in order to connect with the FG-BBOX, for 'paring' function.

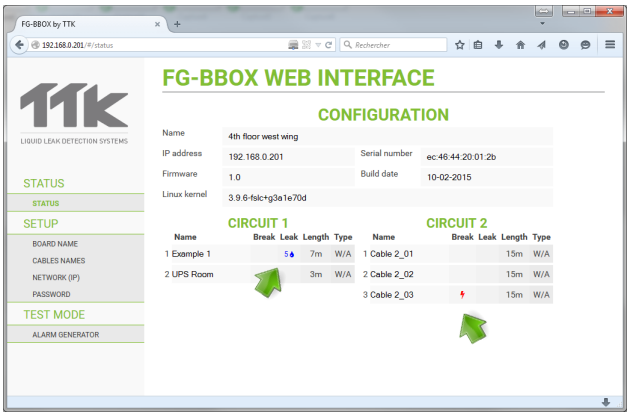


4 'TEST MODE' Menu

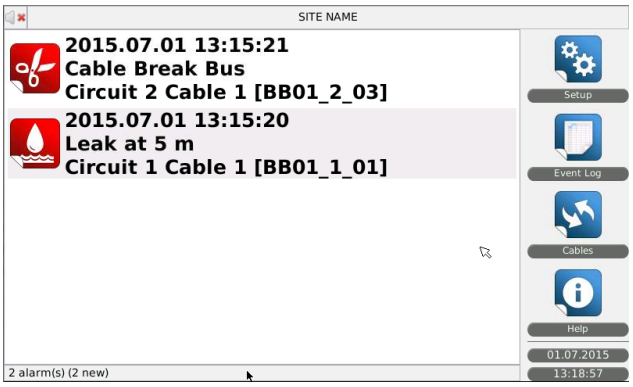
- "**Test Mode**" menu allows taking leak or cable break tests on the connected cables, without making the real simulation on the cables.
- The red progress bar is a 5 minutes temporization for the alarm simulation. After 5 minutes, all the alarms will be automatically reset.



- During the test, go back to "**Status**" menu to view the result.



- If FG-NET is connected in the same network, the two tests of leak and cable break will be displayed as real alarms on its screen. This indicates the FG-BBOX and FG-NET have been configured successfully.



FG-BBOX_WEB_EN_v1.0_072015