

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.



'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.

♦ 192.168.0.201/#/status					- Q	Rechercher		☆	ė į	ト合	4	Θ	ø	:
	FG-BBOX WEB INTERFACE													
11K	CONFIGURATION													
LIQUID LEAK DETECTION SYSTEMS	Name	4th floo	r west v	ving										
	IP address	192.16	8.0.201			Serial number	ec:46:	44:20	01:2b					
STATUS	Firmware	1.0				Build date	10-02-	2015						
STATUS	Linux kernel	3.9.6-fs	ilc+g3a	1e70d										
SETUP	Name		UIT 1 Break L	 eak Length	Туре	Name	CIRC	CUIT Break	2 Leak	Length	Туре			
CABLES NAMES	1 Example 1			7m	W/A	1 Cable 2_01				15m	W/A			
NETWORK (IP)	2 UPS Room			3m	W/A	2 Cable 2_02				15m	W/A			
PASSWORD						3 Cable 2_03				15m	W/A			
TEST MODE														
ALARM GENERATOR														
														4
CONFIGURAT	ION 🔶	FC	Э-В	BOX	un	it's sys	tem	n ir	fo	rma	atio	on.		
CONFIGURAT	ion 🔶	FC	Э-В	BOX	un	it's sys	tem	n ir	fo	rma	atio	on.		
CONFIGURAT	ion 🔶	FC	Э-В	BOX	un	it's sys	tem	n ir	fo	rma	atio	on.		
CONFIGURAT	ION 🔶	F	Э-В	BOX	un	it's sys	tem	n ir	fo	rma	atio	on.		
CONFIGURAT	'ION 🔶	F	Э-В etai	BOX	un all	it's sys conne	terr cter	n ir d c	lfo ab	rma les	atio on	on. th	ie	
	'ION 🔶	F(Э-В etai	BOX	un all	it's sys conne	tem	n ir d c	ab	les	on	on. th	ie	

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.

FG-BBOX by TTK	× +								•	×
◆ @ 192.168.0.201/#/cables		🚔 XI 🔻	e Q	Rechercher	습	≙ ∔	î √	Θ	9	≡
	FG-BBOX	WEB	INT	ERFAC	E					_
	CIRC	UIT 1			CIRCUIT	2				
	Name	Length	Туре	Name		Length	Туре			
LIQUID LEAK DETECTION SYSTEMS	1 Example 1	7m	W/A	1 Cable 2_01		15m	W/A			
	2 UPS Room	3m	W/A	2 Cable 2_02		15m	W/A			
STATUS				3 Cable 2_03		15m	W/A			
STATUS	Update									
SETUP										
BOARD NAME										
CABLES NAMES										
NETWORK (IP)										
PASSWORD										
TEST MODE										
ALARM GENERATOR										
Terminé										
- Comme								_	_	V

"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.

FG-BBOX by TTK	× +					-			×
◆ @ 192.168.0.201/#/password	and the sector of the sector o	☆	Ê	÷	Ĥ	4	Θ	9	=
11k	FG-BBOX WEB INTERFACE								_
LIQUID LEAK DETECTION SYSTEMS	Updote								
STATUS									
STATUS									
SETUP									
BOARD NAME CABLES NAMES NETWORK (IP) PASSWORD									
TEST MODE	-								
ALARM GENERATOR									



- "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.

FG-BE	30)	()	₩E	≌ v e	٩	Rech	ercher		☆	é (1 🕯	4	Θ	ø	=
FG-BE	30>	()	NE	BII											
					N I	E	RFAC	E							_
Name	CIRC Break		T 1 *	Length	Туре		Name	CIR(Break	CUI	2	Length	Туре			
1 Example 1		7	5 🗟 👌	7m	W/A	1	Cable 2_01	1		000	15m	W/A			
2 UPS Room	5		0 🗄 👌	3m	W/A	2	Cable 2_02	•		0⊕ ♦	15m	W/A			
						3	Cable 2_03	V 🛉		000	15m	W/A			
									R	ed	pro	gre	ess	s b	ar
	Name 1 Example 1 2 UPS Room	Name Break	Name Break Lea 1 Example 1 9 0 2 UPS Room 9	Name Break Leak 1 Example 1 ↓ ♥ 5 0 0 2 UPS Room ↓ 0 0 0 0	Name Break Length 1 Domple 1 2 UPS Room •	Name Break Length Type 1 Example 1 ● 9 0 5 0 0 7 m W/A 2 UPS Room ● 0 0 0 0 3 m W/A	Name Derak Lak Length Type 1 Example 1 I 9 0 9 0 1 0 1 2 UPS Room I 0	Name Break Lask Length Type Name 1 Example 1 •	Name Break Lask Length Type Name Braak 1 Example 1 • <	Name Break Lat Length Type Name Break Lat 1 Example 1 9 5 6 7m W/A 1 0able 2_01 9 2 UPS Room 9 0 6 3m W/A 2 0able 2_02 9 3 Cable 2_03 27 3 Cable 2_03 27 3 3 Cable 2_03 27 3 3 3 Cable 2_03 3 3 <	Name Break Lak Longh Type Name Break Lak 1 Example 1 9 5 52 4 7m W/A 1 0.2462.20 1 9 0.2 2 UPS Room 9 0.2 6 3m W/A 2 0.2462.20 1 9 0.2 6 3 Cable 2_03 2 9 0.2 6 3 Cable 2_03 2 9 0.2 6 3 Cable 2_03 2 9 0.2 6	Name Break Lak Length Type Name Break Lak Length Type 1 Example 1 9 5 5 7 W/A 1 Cable 2,01 1 0 0 15m 2 UPS Room 9 0 6 3m W/A 2 Cable 2,03 9 0 0 15m 3 Cable 2,03 9 0 0 1 3m	Name Break Lak Length Type 1 Example 1 9 5 0: 7 W/A 1 Cable 2,01 1 0 0 1 Sm W/A 2 UPS Room 9 0: 6 3m W/A 2 Cable 2,02 9 0: 6 1 Sm W/A 3 Cable 2,03 VP 0: 0: 1 Sm W/A	Name Break Lad Length Type 1 Descripte 1 9 </td <td>Name Break Lask Length Type 1 Example 1 1 0 0 0 0 0 2 UPS Room 1 0 0 0 0 0 0 3 Cable 2_03 0 0 0 0 0 0 0</td>	Name Break Lask Length Type 1 Example 1 1 0 0 0 0 0 2 UPS Room 1 0 0 0 0 0 0 3 Cable 2_03 0 0 0 0 0 0 0

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

FG-BBOX by TTK	× +								*			
♦ @ 192.168.0.201/#/status		and a sector of the sector of									ø	Ξ
11 k	FG-BE	BOX WE	B II	NT ON	ERFAC							
LIQUID LEAK DETECTION SYSTEMS	Name IP address	4th floor west win	9			0.01.01						
STATUS	Firmware	1.0			Build date	10-02-201	5	,				
STATUS	Linux kernel	3.9.6-fslc+g3a1e	70d									
SETUP	Name	CIRCUIT 1	k Length	Type	Name	CIRCUI	T 2	Length	Type			
BOARD NAME CABLES NAMES	1 Example 1	56	7m	W/A	1 Cable 2_01	Died	ik Lear	15m	W/A			
NETWORK (IP)	2 UPS Room		3m	W/A	2 Cable 2_02			15m	W/A			
PASSWORD					3 Cable 2_03	+		15m	W/A			
TEST MODE												
ALARM GENERATOR						L						
												4

 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.



This brochure has been carefully prepared to ensure technical accuracy but is only intended for promotional use. TTK cannot guarantee that the information contained herein contains no errors or omissions, and hence does not accept responsibility related to the use of its equipment. TTK maintain its obligations set forth in the Standard Terms and Conditions of Sale and will not, under any circumstances, assume liability for any incidental damages, indirect or consequential, arising from the sale, resale, use or misuse of this product. The purchaser[s] accept their responsibility as the sole judge[s] of the adaptability of the product for the intended use.

FG-NET, FG-SYS and TOPSurveillance are trademarks of TTK S.A.S. © TTK 2015