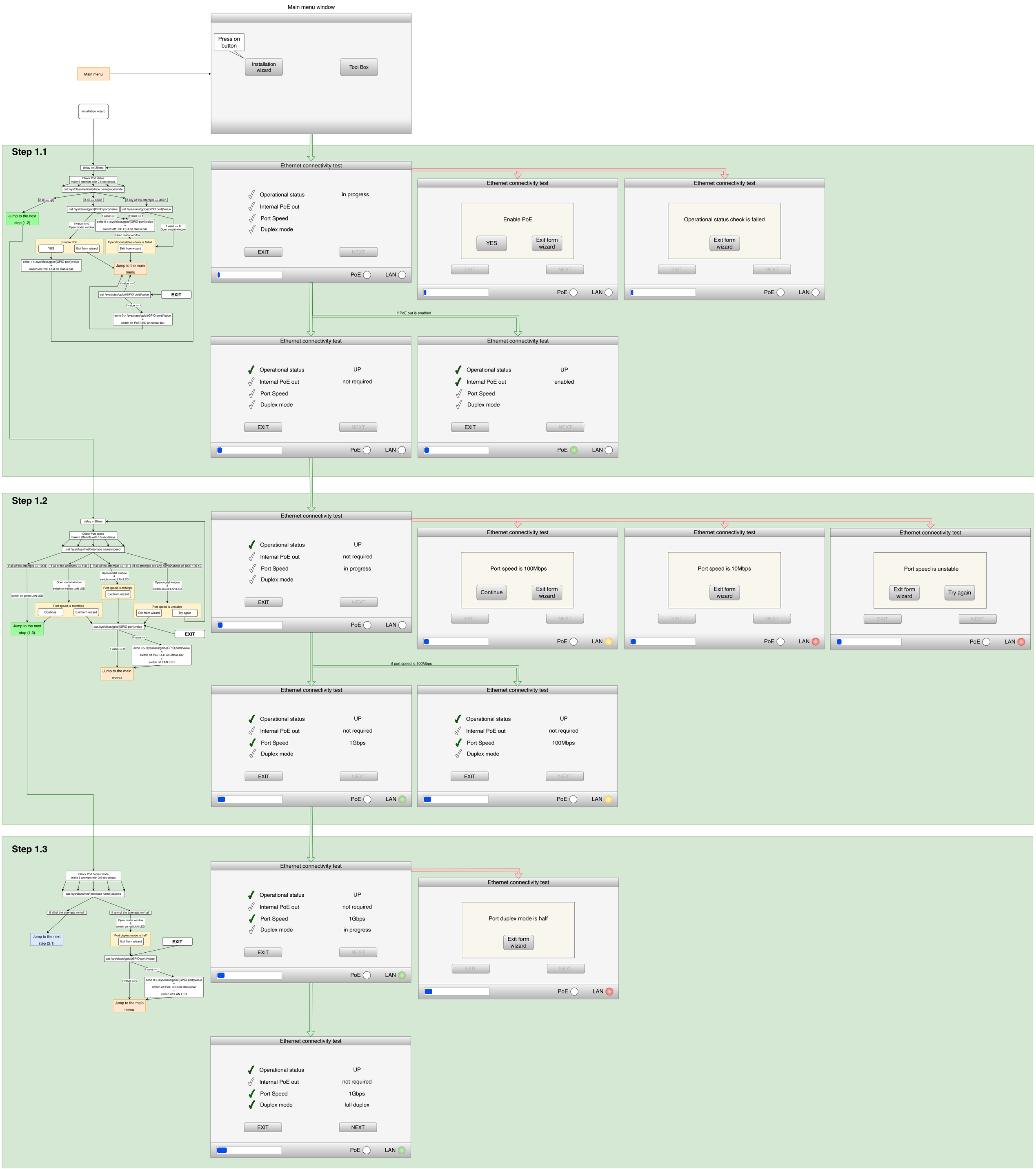
Main menu window
Press on button
Installation wizard
Tool Box
Main menu
Installation wizard
Step 1.1
delay = 20sec
Check Port status
make 5 attempts with 0.5 sec delays
cat /sys/class/net/{interface name}/operstate
if all == up
if all == down
if any of the attempts == down
Jump to the next step (1.2)
cat /sys/class/gpio/{GPIO port}/value
if value == 1
if value == 0
Open modal window
echo 0 > /sys/class/gpio/{GPIO port}/value
switch off PoE LED on status bar
Enable PoE
YES
Exit from wizard
Operational status check is failed.
Exit from wizard
echo 1 > /sys/class/gpio/{GPIO port}/value
switch on PoE LED on status bar
Jump to the main menu
if value == 0
EXIT
Ethernet connectivity test
Operational status
Internal PoE out
Port Speed
Duplex mode
in progress
EXIT
NEXT
PoE
LAN
Enable PoE
YES
Exit form wizard
Operational status check is failed
if PoE out is enabled
UP
not required
enabled
Step 1.2
Check Port speed
make 5 attempts with 0.5 sec delays
cat /sys/class/net/{interface name}/speed
if all of the attempts == 1000
if all of the attempts == 100
if all of the attempts == 10
if all attempts are any combinations of 1000 100 10
switch on green LAN LED
Open modal window & switch on yellow LAN LED
Open modal window & switch on red LAN LED
Port speed is 10Mbps
Exit from wizard
Port speed is 100Mbps
Continue
Exit from wizard
Port speed is unstable
Exit from wizard
Try again
Jump to the next step (1.3)
cat /sys/class/gpio/{GPIO port}/value
EXIT
if value == 1
if value == 0
echo 0 > /sys/class/gpio/{GPIO port}/value
switch off PoE LED on status bar
switch off LAN LED
Jump to the main menu
UP
not required
1Gbps
100Mbps
Port speed is 100Mbps
Port speed is 10Mbps
Port speed is unstable
Continue
Exit form wizard
Try again
if port speed is 100Mbps
Step 1.3
Check Port duplex mode
make 5 attempts with 0.5 sec delays
cat /sys/class/net/{interface name}/duplex
if all of the attempts == full
if any of the attempts == half
Jump to the next step (2.1)
Open modal window & switch on red LAN LED
Port duplex mode is half
Exit from wizard
EXIT
cat /sys/class/gpio/{GPIO port}/value
if value == 1
if value == 0
echo 0 > /sys/class/gpio/{GPIO port}/value
switch off PoE LED on status bar
switch off LAN LED
Jump to the main menu
UP
not required
1Gbps
in progress
full duplex
Port duplex mode is half