



probeSwitch User Manual



Help Version updated until firmware 404u
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What is the “probeSwitch”?

The probeSwitch is a key lock two position switch that connects to any one of the RJ-45 sensor ports on the securityProbe base unit or E-sensor8 expansion units. The switch can automatically disable all of the notification alerts that are configured on the unit without having to log into the web interface.

This is ideal for maintenance crews that need to perform service on equipment, but do not have log in access to the securityProbe’s web interface.

Connecting the probeSwitch

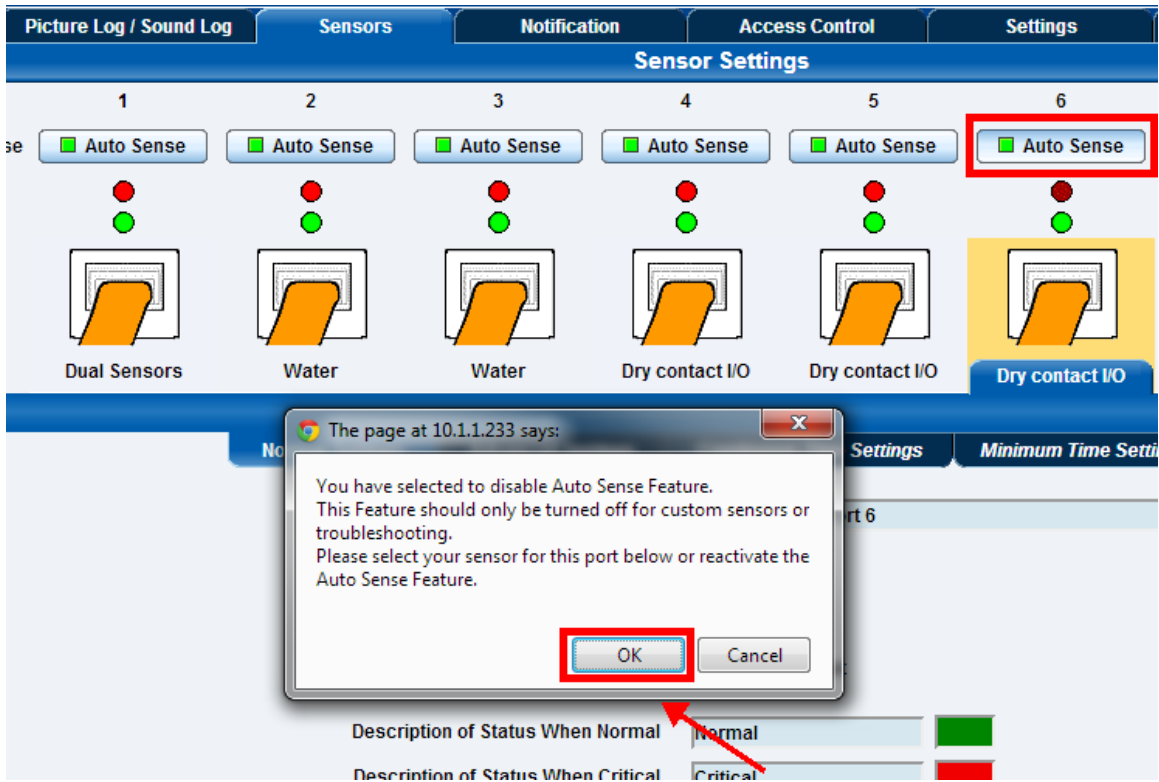
The probeSwitch connects using the CAT5/6 LAN cable to any of the RJ-45 sensor ports on the securityProbe base unit or the E-sensor8 expansion units.

The maximum run length of the CAT5/6 cable for the probeSwitch is 300 meters or 1000 feet.

Setting up the probeSwitch on the securityProbe

When you first connect the probeSwitch to the securityProbe the unit will auto sense the switch as a dry contact as shown in the screen shot below.

The screenshot displays the 'Sensors' menu in the securityProbe web interface. The 'Sensor Settings' section shows eight sensor ports (1-8). Port 6 is highlighted with a red box and is currently configured as a 'Dry contact I/O' sensor. The 'Status' for port 6 is 'Critical', and 'Sensor Currently' is 'Online'. The 'Direction' is set to 'Input'. Below the sensor list, the 'Advanced Settings' tab is active, showing configuration options for port 6: 'Sensor Name' is 'Dry contact I/O Port 6', 'Status' is 'Critical', 'Sensor Currently' is 'Online', and 'Direction' is 'Input'. There are also options for 'Description of Status When Normal' (Normal), 'Description of Status When Critical' (Critical), and 'Description of Status When Sensor Error' (Sensor Error). Buttons for 'Save', 'Reset', and 'Online Time Tracking' are visible at the bottom of the settings panel.



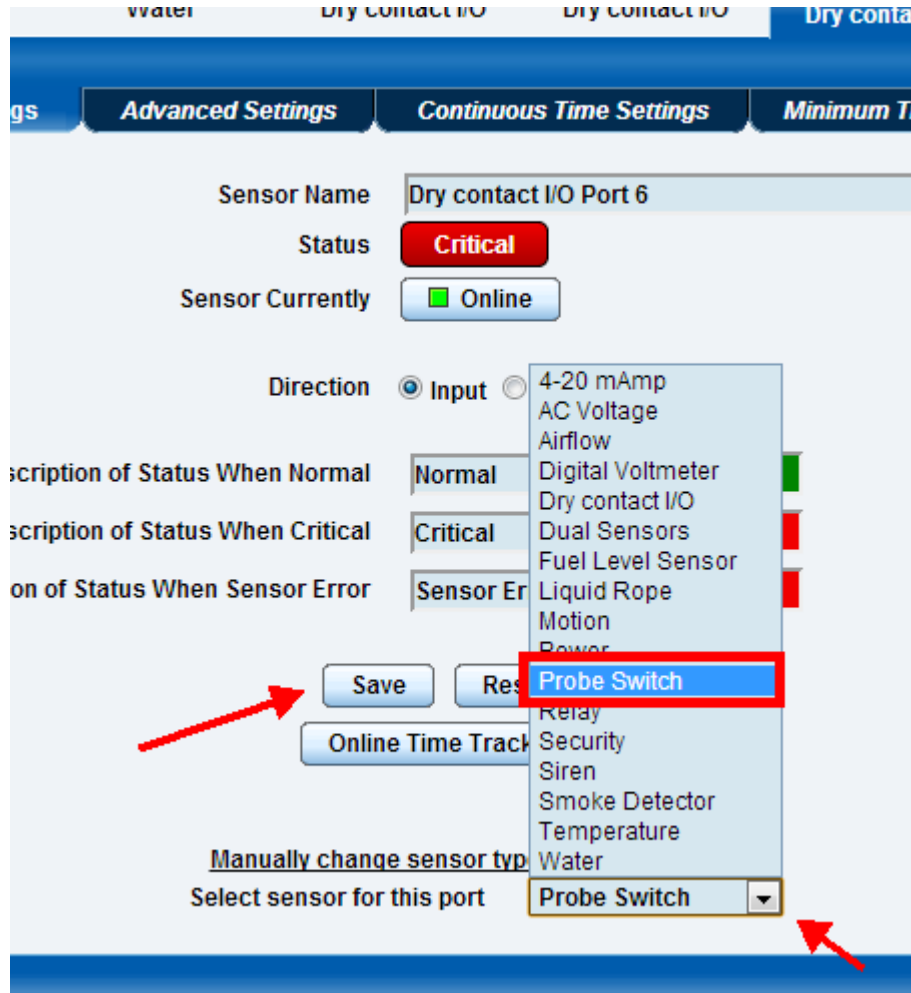
Next we need to turn off the auto sense for that port we have the probeSwitch connected to as shown in the screen shot above.

The screenshot displays the 'Sensor Settings' page for port 6. At the top, there are navigation tabs: 'Sensors', 'Notification', 'Access Control', and 'Settings'. Below these, a row of sensor settings for ports 2 through 6 is shown. Each port has an 'Auto Sense' button and a status indicator (red and green dots). Port 6 is highlighted with a blue bar and labeled 'Dry contact I/O'. Below this, there are four sub-tabs: 'Normal Settings', 'Advanced Settings', 'Continuous Time Settings', and 'Minimum Time Settings'. The 'Advanced Settings' tab is active, showing the following configuration for 'Dry contact I/O Port 6':

- Sensor Name: Dry contact I/O Port 6
- Status: Critical (red button)
- Sensor Currently: Online (green button)
- Direction: Input Output
- Description of Status When Normal: Normal (green indicator)
- Description of Status When Critical: Critical (red indicator)
- Description of Status When Sensor Error: Sensor Error (red indicator)

At the bottom of the configuration area, there are three buttons: 'Save', 'Reset', and 'Online Time Tracking'. A red box highlights the link 'Manually change sensor type for this port.' with a red arrow pointing to it.

Now we will manually configure the probeSwitch by first clicking on the “Manually change sensor type for this port” link as shown in the screen shot above.



Then choosing the “Probe Switch” from the list of sensors as shown in the screen shot above and clicking on the “Save” button.

The screenshot displays the 'Sensor Settings' page for port 6. The sensor is identified as a 'Probe Switch' and is currently 'Online' with a 'Normal' status. The interface includes tabs for 'Normal Settings', 'Advanced Settings', 'Continuous Time Settings', and 'Minimum Time Settings'. The 'Advanced Settings' tab is active, showing fields for 'Sensor Name' (Probe Switch Port 6), 'Status' (Normal), 'Sensor Currently' (Online), 'Description of Status When Normal' (Normal), and 'Description of Status When Critical' (Critical). Red arrows point to the 'Normal' status and the 'Normal' description field. 'Save' and 'Reset' buttons are located at the bottom of the settings section. A note at the bottom states: 'Manually change sensor type for this port.'

Now we can see that our probeSwitch is now online and the status is normal.

Navigation: Picture Log / Sound Log | Sensors | **Notification** | Access Control | Settings | Applications | Help

Link Sensor To Action

Sub-tabs: Link Sensor To Action | Escalation

| Host Name | Sensor Name | | Action on Status | Action Name |
|---|-------------------------|---|--|---------------------------------|
| <input checked="" type="checkbox"/> Main Module | Temperature Port 1 | → | <div style="background-color: red; color: white; padding: 2px;">High Critical</div> <div style="background-color: yellow; color: black; padding: 2px;">High Warning</div> <div style="background-color: yellow; color: black; padding: 2px;">Low Warning</div> <div style="background-color: red; color: white; padding: 2px;">Low Critical</div> <div style="background-color: red; color: white; padding: 2px;">Sensor Error</div> | SMS 1 Email 1 Testmail IG |
| <input checked="" type="checkbox"/> Main Module | Temperature Port 4 | → | <div style="background-color: red; color: white; padding: 2px;">High Critical</div> <div style="background-color: yellow; color: black; padding: 2px;">High Warning</div> <div style="background-color: yellow; color: black; padding: 2px;">Low Warning</div> <div style="background-color: red; color: white; padding: 2px;">Low Critical</div> <div style="background-color: red; color: white; padding: 2px;">Sensor Error</div> | SMS 1 Email 1 Testmail IG |
| <input checked="" type="checkbox"/> Main Module | Virtual Sensors Port 32 | → | <div style="background-color: red; color: white; padding: 2px;">Critical</div> | Wake Up / Shutdown 1 |

Buttons: Create | Edit | Create Escalation | Remove

Import notification from file No file chosen

And our notification alerts are still enabled.



When connected to the unit and the key is in the "Notifications Enabled" position here. The green LED "Host Connection" will be lit.



When connected to the unit and the key is in the "Notifications Disabled" position here. The green LED "Host Connection" will be lit AND the red LED will be lit.

Now if we insert and turn the key to the "Notifications Disabled" position. This will disable our notifications as shown in the two screen shots below.

log Sensors Notification Access Control Settings

Sensor Settings

| 2 | 3 | 4 | 5 | 6 |
|--|--|--|--|-------------------------------------|
| <input checked="" type="checkbox"/> Auto Sense | <input checked="" type="checkbox"/> Auto Sense | <input checked="" type="checkbox"/> Auto Sense | <input checked="" type="checkbox"/> Auto Sense | <input type="checkbox"/> Auto Sense |
| | | | | |
| Water | Water | Dry contact I/O | Dry contact I/O | Probe Switch |

Normal Settings Advanced Settings Continuous Time Settings Minimum Time Settings

Sensor Name: Probe Switch Port 6

Status: **Notifications Disabled**

Sensor Currently: Online

Description of Status When Normal: Notifications Enabled

Description of Status When Critical: Notifications Disabled

Manually change sensor type for this port.

Navigation: Picture Log / Sound Log | Sensors | Notification | Access Control | Settings | Applications

Link Sensor To Action

Sub-tabs: Link Sensor To Action | Escalation

| Host Name | Sensor Name | | Action on Status | | Action Name |
|--------------------------------------|---------------------------------|---|--|---|---------------------------------|
| <input type="checkbox"/> Main Module | Temperatur Hinderofenhaus | → | High Critical High Warning Low Warning Low Critical Sensor Error | → | SMS 1 Email 1 Testmail IG |
| <input type="checkbox"/> Main Module | Luftfeuchtigkeit Hinderofenhaus | → | High Critical High Warning Low Warning Low Critical Sensor Error | → | SMS 1 Email 1 Testmail IG |
| <input type="checkbox"/> Main Module | Virtual Sensors Port 32 | → | Critical | → | Wake Up / Shutdown |

Buttons: Create | Edit | Create Escalation | Remove

Import notification from file No file chosen

This concludes the probeSwitch user manual.

Please contact support@akcp.com if you have any further technical questions or problems setting up your modem or your alerts.

Thanks for Choosing AKCess Pro!