F200 - Troubleshooting via External Buttons and LED

Thank you for purchasing a Falcon F200 monitoring appliance. It's external LED and two buttons have been programmed to help you troubleshoot and reset the system. Use this guide to maximize this functionality.

If, after referencing this guide, you need further assistance with the F200, please contact RLE Technologies via our website - rletech.com/support/ or call us at 800.518.1519.

Falcon

v1.1
Compatible with firmware v3.0 and above
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RLE Technologies

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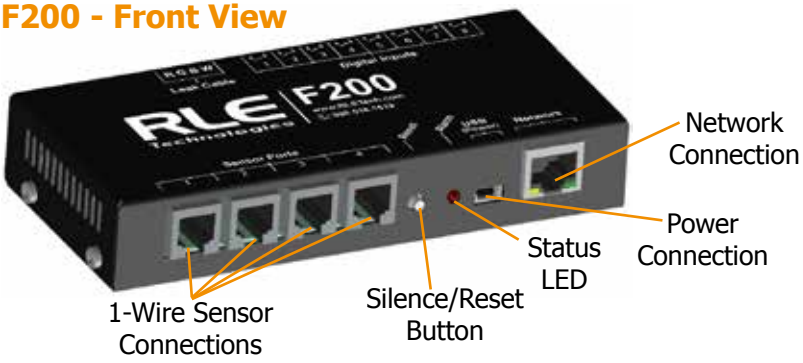
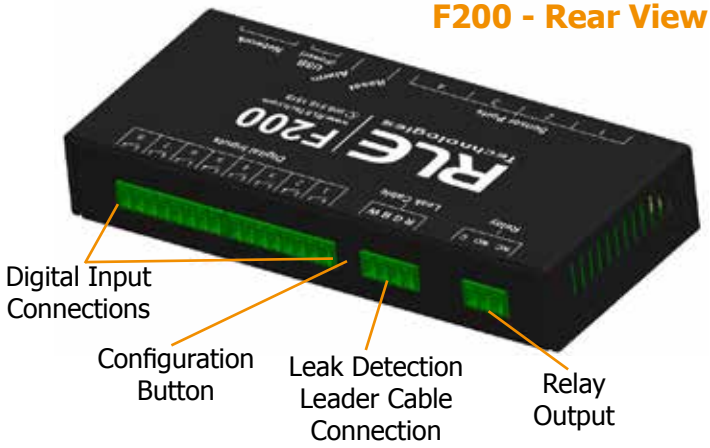
F200 - Front View



F200 - Rear View



External Indicators & Buttons

The F200 has one multi-color LED and two push button. The LED is programmed to report a variety of conditions, and the buttons allow you to execute a variety of system and configuration reset options.

Status LED

The F200 has one multi-color LED on its front side. There are a variety of alarm and alert patterns and colors programmed for this LED. Use the following chart to determine which alarms are active on your F200.

Blink Pattern	Pattern Description	Status Description	
	Solid Green	Normal status - no alarms are present	
	Light blue / Dark blue	Alarm - Leak detection cable break	
	Light blue / Off	Alarm - A leak has been detected	
	Red / Off	Alarm - Temperature	
	Red / Dark blue	Alarm - Humidity	
	Magenta / Off	Alarm - Digital input	
	Yellow / Off	No Network Connection	
	Yellow / Magenta	Debug connection is active	
	Yellow / Light blue	Configuration mode is active	
	White / Off	Unit is booting*	* Do not access or configure the F200 while these alerts are active.
	Red / Green / Blue / Magenta	Firmware update is executing*	
	Red / Magenta	Call RLE - the F200 has an internal error	

Alarm Silence and System Reset Button

The alarm reset is located on the front of the unit, near the LED. When the audible alarm is active, push this button once to silence the audible alarm. You'll know which alarm is active and associated with the audible alarm because the LED will blink to indicate a specific alarm condition.

There are several more reset functions assigned to this button. Press the button (and hold when indicated) to achieve the desired functions:

Press Button and Release	LED Color	Action
One quick beep	Blinking LED error indicator	Silence audible alarm
Press Button and Hold; Release After	**LED Color**	**Action**
Two consecutive beeps	Green	Reset all alarms. If any alarms are currently active, they will immediately re-alarm.
Three consecutive beeps	Red	Toggle the relay output
Four consecutive beeps	White	Reboot the F200

Configuration Button

There is also a small button on the back of the unit, between the terminal blocks for the digital inputs and leak detection leader cable. This button needs to be accessed with the tip of a small object, like a paperclip - insert it into the hole and press the button (and hold when indicated) to achieve the desired functions:

Press Button and Release	Action
One beep	Enable DHCP. The unit will remain this way until the IP is configured or the unit is rebooted. This action also resets the F200's NetBios name to the devices's serial number, so you can access the device on a local network by typing rle-serialnumber/ in your browser's address bar.
Press Button and Hold; Release After	**Action**
Two consecutive beeps	Set a default Static IP. The unit will remain this way until the IP is configured or the unit is rebooted.
Three consecutive beeps	Disables the administrator password.
Four consecutive beeps	Reset to all factory default settings