Flex IO - LED Patterns and Troubleshooting

The following table displays what the red and yellow LEDs indicate on the Flex IO sensor.

	State/Description	Red LED	Yellow LED
1	**Device booting up**	None	**1 blink**
2	**Device reboot**	None	None
3	**Diagnostic mode** (Bluetooth troubleshooting activated) For more information, see the signal strength table on Flex IO (ADC-FLEX-100) - Installation Guide.	**Signal strength indicator, repeats every 8 seconds** Pattern based on signal strength. Rate of 1 blink per second. **Note:** This mode prevents any other pattern from displaying.	**Signal strength indicator, repeats every 8 seconds** Pattern based on signal strength. Rate of 1 blink per second. **Note:** This mode prevents any other pattern from displaying.
4	**Device in idle mode**	None	None
5	**Device cell modem unable to connect to cell tower** To troubleshoot, confirm coverage in your area by using the Check Coverage feature on Alarm.com Partner Portal.	**2 blink, repeats every 2 seconds**	None
6	**Device cell modem/SIM not provisioned with carrier** To troubleshoot, contact Alarm.com CORE Technical Support. Device will likely need to be returned.	**3 blink, repeats every 2 seconds**	None

	State/Description	Red LED	Yellow LED
	Alarm.com To troubleshoot, contact Alarm.com CORE Technical Support.	● ● ● ● ● ● ● ●	
8	**Device reed switch opens** If the device is not reliably reporting open/close events, confirm the reed switch position setting matches the installation orientation. See *Contact (Reed Switch) Position* in Step 1.	None	**2 blink** ● ● ● ● ● ●
9	**Device reed switch closes**	None	**2 blink** ● ● ● ● ● ●
10	**Device loop opens**	None	**2 blink** ● ● ● ● ● ●
11	**Device loop closes**	None	**2 blink** ● ● ● ● ● ●
12	**Device relay activate**	None	**2 blink** ● ● ● ● ● ●
13	**Battery door tamper**	**1 blink, repeats every 2 seconds** ● ● ● ●	None
14	**Device mount tamper**	**Alternate Red & Yellow** (Red, Yellow, Red, Yellow, 5 second Pause, Repeat) ● ● ● ●	**Alternate Red & Yellow** (Red, Yellow, Red, Yellow, 5 second Pause, Repeat) ● ● ● ●
15	**Device low battery**	**1 long Red blink (5 seconds)** Will occur only following an open/close activation and will follow the normal yellow activity blinks. ▬▬ ▬▬	None
16	**Device operating on AC power**	None	**Always on (solid)** if the device is able to communicate with Alarm.com. When an event happens, the LED will turn off, display the LED pattern of the associated event, then return to being on.