

SAMHE Monitor LED Guide (normal operation)

This document relates to the SAMHE monitor LED combinations during normal operation. If you're setting up your monitor please refer to our separate [Guide to understanding the monitor LEDs during Set Up](#).

Here are the different possible SAMHE LED monitor combinations during normal operation. Select yours from the list to access guidance on what it means:

Note: During normal operation LEDs on the right indicate the CO₂ level whereas LEDs on the left indicate connection issues.

- [1 green light on the right](#)
- [2 green lights on the right](#)
- [3 orange lights on the right](#)
- [4 orange lights](#)
- [5 orange lights](#)
- [6 red lights](#)
- [7 red lights](#)
- [8 red lights](#)
- [9 alternating red and purple lights](#)
- [A single orange LED on the left \(could be in combination with any other LED pattern\)](#)
- [A single red LED on the left \(could be in combination with any other LED pattern\)](#)
- [A single purple LED on the left \(could be in combination with any other LED pattern\)](#)

If you find it difficult to distinguish between the different LED colours please note that the number of lights is also determined by the monitor reading.

<p>1 green light on the right:</p> 	<p>During normal operation a single green light means:</p> <p>Your monitor has detected a CO₂ concentration of between 400 and 600 ppm (parts per million).</p>	<p>2 green lights on the right:</p> 	<p>During normal operation two green lights means:</p> <p>Your monitor has detected a CO₂ concentration of between 601 and 799 ppm (parts per million).</p>
<p>3 orange lights on the right:</p> 	<p>During normal operation three orange lights means:</p> <p>Your monitor has detected a CO₂ concentration of between 800 and 1033 ppm (parts per million).</p>	<p>4 orange lights:</p> 	<p>During normal operation four orange lights means:</p> <p>Your monitor has detected a CO₂ concentration of between 1034 and 1266 ppm (parts per million).</p>
<p>5 orange lights:</p> 	<p>During normal operation five orange lights means:</p> <p>Your monitor has detected a CO₂ concentration of between 1267 and 1499 ppm (parts per million).</p>	<p>6 red lights:</p> 	<p>During normal operation six red lights means:</p> <p>Your monitor has detected a CO₂ concentration of between 1500 and 2000 ppm (parts per million).</p>

<p>7 red lights:</p> 	<p>During normal operation seven red lights means:</p> <p>Your monitor has detected a CO₂ concentration of between 2001 and 2500 ppm (parts per million).</p>	<p>8 red lights:</p> 	<p>During normal operation eight red lights means:</p> <p>Your monitor has detected a CO₂ concentration of between 2501 and 3000 ppm (parts per million).</p>
<p>9 alternating red and purple lights:</p> 	<p>During normal operation nine alternating red and purple lights means:</p> <p>Your monitor has detected a CO₂ concentration of more than 3000 ppm (parts per million).</p>	<p>A single orange LED on the left:</p> 	<p>During normal operation a single orange light on the left means:</p> <p>Your monitor is connected to your WiFi network but the server cannot be reached through the internet. This might be because access is being blocked by a firewall. Check with your IT technician whether they have made any updates to your school's IT system's security.</p>
<p>A single red LED on the left:</p> 	<p>During normal operation a single red light on the left means:</p> <p>Your monitor's connection to your WiFi network has failed.</p> <p>There are a number of potential causes of this outcome, including if your school's WiFi network is down. It may be worth using another internet enabled device to check whether the network is working as expected.</p>	<p>A single purple LED on the left:</p> 	<p>During normal operation a single purple light on the left means:</p> <p>The server is reachable but there is a configuration issue to be fixed on the server side. If you experience this scenario please contact us.</p>
<p>Note: A single orange, red or purple LED on the left can accompany any of the LED combinations during normal operation. Two green lights are shown in these diagrams for illustrative purposes only.</p>			