

# 6500-M Status Lights

This chart outlines the light combinations used to indicate the status or progress of the Mako 6500-M at any given stage.

Generally, lights on the left vary only in power-up sequences. But the core of the status messages lies in the three lights on the right.



Flash Types: On/Off Long On/Off Back and Forth Cycle

<b>Power Up</b>										<p><b>Power is connected; The Mako is turned on.</b></p> <p>On connecting power, POWER. Then, LAN lights flash on twice. After a time (dependent on the connection type used – DSL, WAN or Cellular), Internet lights up. Then, WAN 1, CMS and ERROR lights up. Intermittent flashing between several lights while a connection is established occurs. Finally, ERROR turns off. The Mako 6500-M is operating.</p> <p>Wi-Fi will light if a service is being delivered by your Mako, and LANs will light only if connected.</p>
<b>DSL Connection Sequence</b>										<p>From power-up to stable connection.</p> <p>On power-up: POWER light on, LAN lights flash, INTERNET flashes during handshake operations; WAN light on, CMS light on.</p>
<b>Internet Connected; CMS Not Found</b>										<p><b>A successful ISP connection was made, but the CMS wasn't able to be contacted.</b></p> <p>Power and Internet lights are on; LANs are on depending on the ports occupied; WAN is on. CMS light flashes short, short, long.</p> <p>This indicates either the Mako is unconfigured or, in exceptionally rare circumstances the CMS is down. The Internet is still accessible to the Mako's LANs, and the network's firewalls and VPNs are in place, but updates to the network aren't available.</p>
<b>Verifying File...</b>										<p><b>The Mako is verifying the configuration file.</b></p> <p>These three lights cycle for the verification period. They turn on from left to right, one at a time, a second apart, until all are lit. They turn off in reverse order.</p>
<b>Installing File...</b>										<p><b>The Mako is installing the configuration file.</b></p> <p>These three lights cycle for the installation period. They turn on from right to left, one at a time, a second apart, until all are lit. They turn off in reverse order.</p>

									
<b>No Configuration</b>									<b>The Mako is not configured for use.</b>
					• ○	• ○	• ○		All three lights flash simultaneously, Yellow, Yellow, Red.
<b>Missing Boot Image</b>									<b>No configuration file is present on the USB key.</b>
					• ○	• ○	• ○		All three lights flash simultaneously, Green, Green, Red.
<b>PPP Timeout</b>									<b>Period to negotiate a PPP connection has lapsed.</b>
					• ○		○ •		WAN (Yellow) and ERROR lights flash alternately.
<b>PPP Authentication</b>									<b>Unable to verify Mako &lt;--&gt; ISP credentials.</b>
					• ○		• ○		WAN (Yellow) and ERROR lights flash simultaneously.
<b>SIM Not Present</b>									<b>The SIM slot is empty or incorrectly inserted.</b>
							•○ •○ •-○		ERROR light flashes short, short, long.
<b>SIM PIN Error</b>									<b>The SIM card is unconfigured, damaged or unreadable.</b>
							•-○ •-○ •○		ERROR light flashes twice long, one short.

