

Item	Value	Details	Possible Remedy
Cellular Access Status Code	0x00	Successfully registered with local cell tower	
	0xfe	Could not communicate with cellular module	<ol style="list-style-type: none"> <li>1. Go to "Properties" screen in the outdoor device and check battery level. Cellular performance may be inconsistent if the battery is below 60%. If the battery is low, confirm the solar panel is securely connected to the board. Remove and re-insert if the connection is loose.</li> <li>2. Confirm the battery is securely connected to the board. Remove and re-insert if connection is loose.</li> <li>3. Confirm the cellular module is securely connected in its socket and in the correct orientation.</li> <li>4. Hardware prior to revision Q could experience power loss during cellular activity. Contact Melink to verify your hardware.</li> </ol>
	0x22	Could not register with the local cell tower	<ol style="list-style-type: none"> <li>1. Confirm the cellular module is securely connected in its socket and in the correct orientation.</li> <li>2. Confirm the SIM card is fully inserted into the SIM card holder.</li> <li>3. Confirm the antenna is securely connected and placed in its slot on the side of the enclosure.</li> <li>4. If error persists after checking the above items, contact Melink to confirm the SIM card activation.</li> </ol>
	All other values		Contact Melink for support.
Last HTTP Error Code	0	No HTTP errors	
	401	Failed authentication	Contact Melink to confirm the device's authentication credentials.
	500	Internal server error	The server was busy. Contact Melink if this error persists through multiple attempts.
	All other values		Contact Melink for support.
Last Timeout Error Code	0x0	No timeout errors	
	All other values		Contact Melink for support.
Power Loss	NO	No power issues	
	YES	Device experienced a brownout power loss	<ol style="list-style-type: none"> <li>1. Go to "Properties" screen in the outdoor device and check battery level. Cellular performance may be inconsistent if the battery is below 60%. If the battery is low, confirm the solar panel is securely connected to the board. Remove and re-insert if the connection is loose.</li> <li>2. Confirm the battery is securely connected to the board. Remove and re-insert if connection is loose.</li> <li>3. Hardware prior to revision Q could experience power loss during cellular activity. Contact Melink to verify your hardware.</li> </ol>

