

## E-MICRO/1W: How to send SMS Alert Messages without using a USB modem and SIM Card

To send an SMS text message alert to a phone without the need of a modular SIM card, send the message as an email to an SMS or MMS Email address. The email will be converted to and sent as a text message without the additional cost.

An Email message can be a maximum of 160 characters when it is converted to an SMS text message, whereas an MMS Email message can be in excess of 400 characters and can have photos attached to the message.

Cellular service providers have different SMS/MMS Email address formats for email to text conversion. For example, the SMS address for Verizon Wireless is [tendigitphonenumber@vtext.com](mailto:tendigitphonenumber@vtext.com), and their MMS address is [tendigitphonenumber@vzwpx.com](mailto:tendigitphonenumber@vzwpx.com). Format an email address using the phone number of each user that will receive the SMS/MMS message alert. Email addresses for cellular providers can be found online.

Enter the recipients' email address in the ENVIROMUX web server under Administration > User Settings > Contact Settings > Email Address. Be sure to put a checkmark in to enable "E-mail Alerts" .

Contact Settings	
Groups	<input type="checkbox"/> Group 1 <input type="checkbox"/> Group 2 <input type="checkbox"/> Group 3 <input type="checkbox"/> Group 4 <input type="checkbox"/> Group 5 <input type="checkbox"/> Group 6 <input type="checkbox"/> Group 7 <input type="checkbox"/> Group 8
E-mail Alerts	<input type="checkbox"/> User receives alerts via e-mail
E-mail Address	<input type="text"/> E-mail address for the user
E-mail Datalog	<input type="checkbox"/> User receives datalog via e-mail
Datalog Email Frequency	30 Min <input type="text"/> Select Frequency of Datalog e-mail. Applies to all users.
Syslog Alerts	<input type="checkbox"/> User receives alerts via syslog
SNMP Traps	<input type="checkbox"/> User receives alerts via SNMP traps
Syslog/SNMP IP Address	<input type="text"/> IP address where syslog messages/SNMP traps are sent for this user
Authentication Protocol	MDS <input type="text"/> Select authentication protocol.
Authentication Passphrase	<input type="text"/> The authentication passphrase
Privacy Protocol	AES <input type="text"/> Select privacy protocol.
Privacy Passphrase	<input type="text"/> The privacy passphrase
Syslog Facility	Local.0 <input type="text"/> Select Syslog Facility to send Syslog messages.
SMS Alerts	<input type="checkbox"/> User receives alerts via SMS
SMS Number	<input type="text"/> Phone number where SMS messages are sent for this user
Remote Datalog	<input type="checkbox"/> User receives datalog via syslog

Users will only receive the SMS/MMS Email alerts from sensors that have email alerts enabled, since the email to SMS/MMS text message alert is sent from the ENVIROMUX as an email.

Make sure all sensors within the group the user receives notifications for have email alerts enabled. To enable an alert, select to edit a sensor. Then, select "Alert Settings" > Enable Email Alerts.

## Configure Alert

Alert Settings	
Associated Sensor	<input type="text" value="Internal Temperature"/> Sensor associated to this alert
Groups	<input checked="" type="checkbox"/> Group 1 <input checked="" type="checkbox"/> Group 2 <input checked="" type="checkbox"/> Group 3 <input checked="" type="checkbox"/> Group 4 <input type="checkbox"/> Group 5 <input type="checkbox"/> Group 6 <input type="checkbox"/> Group 7 <input type="checkbox"/> Group 8
Trigger Event	<input type="text" value="Greater than"/>
Threshold	<input type="text" value="50.00"/> Threshold value
Alert Delay	<input type="text" value="2"/> (sec) Duration the sensor must be out of thresholds before alert is generated
Auto Acknowledge	<input type="checkbox"/> Automatically acknowledge alert when sensor returns to normal status
Notify on return to normal	<input type="checkbox"/> Send a notification when this sensor returns to normal status
Notify Again Time	<input type="text" value="120"/> (min) Time after which alert notifications will be sent again
Enable Syslog	<input checked="" type="checkbox"/> Send alerts for this event via syslog
Enable SNMP Traps	<input type="checkbox"/> Send alerts for this event via SNMP traps
Enable E-mail Alerts	<input type="checkbox"/> Send alerts for this event via e-mail
Enable SMS Alerts	<input type="checkbox"/> Send alerts for this event via SMS messages

Save