



NOVEMBER 23, 2021

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CC200 ALARMS (CC200-SM-ALM)

(REV 20.1.6+)

CRIOSU CONTROLS



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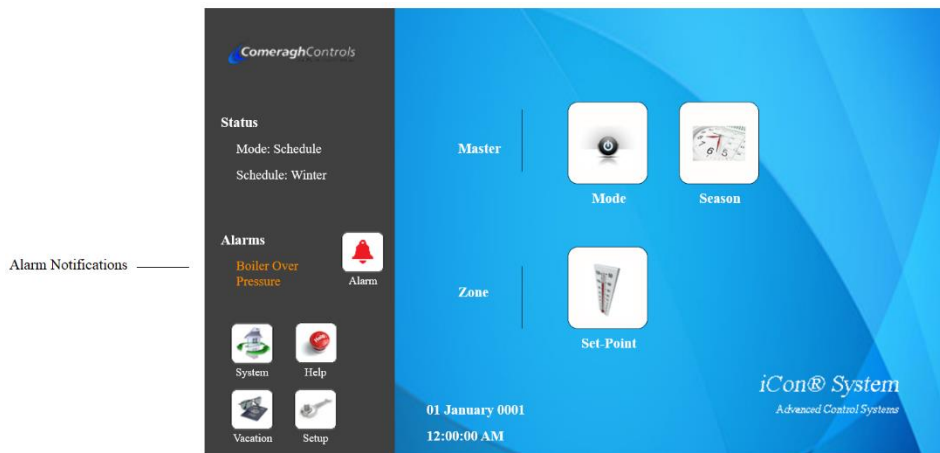
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Introduction

The Alarms Module signals alarm event notifications. An email is sent notifying of the alarm condition including event date/time stamp. Alarm status may be viewed locally or remotely.

The Alarm Module has the following features:

- Up to 8 Alarms.
- Alarm message(s) will be displayed on the cc200 HV3 Home Screen.
- Alarm message(s) can be sent to 2 email addresses.
- Alarm message(s) can be triggered by Input or Relays Activations.



Module Requirements

Module Configuration

8 Zones

Relay Config (CC200-SM-RC)

Relay Config Ext (CC200-SM-RCE)

Relay Timers & Cycling (CC200-SM-RTC)

Cooling (CC200-SM-CL)

PV (CC200-SM-PV)

PV Adv (CC200-SM-PV_ADV)

VRF (CC200-SM-VRF)

Modbus Slave (CC200-SM-MBS)

Alarms (CC200-SM-ALM)

Digital Input Functions (CC200-SM-IF)

Zone Differential (CC200-SM-DIFF)

DHW Priority (CC200-SM-DHW-P)

Relative Humidity (CC200-SM-RH-DP)

Configuration Code: 140112028101216957500056



Alarm Status Screen

Id	Activation Message	Event	State	Email	Enable	
1	Over Pressure	24/09/2018 11:16:28 AM	Active	√	√	Clr
2	Manifold Pump Failure	No Alarm Event	Inactive	√	√	Clr
3	na	No Alarm Event	Inactive	x	x	Clr
4	na	No Alarm Event	Inactive	x	x	Clr
5	na	No Alarm Event	Inactive	x	x	Clr
6	na	No Alarm Event	Inactive	x	x	Clr
7	na	No Alarm Event	Inactive	x	x	Clr
8	na	No Alarm Event	Inactive	x	x	Clr

Email Address: EmailAddress@gmail.com
 Email CC: EmailAddressCC@gmail.com

Exit

Clearing an Alarm clears the alarm event Date and Time and allows the triggering of a new alarm.

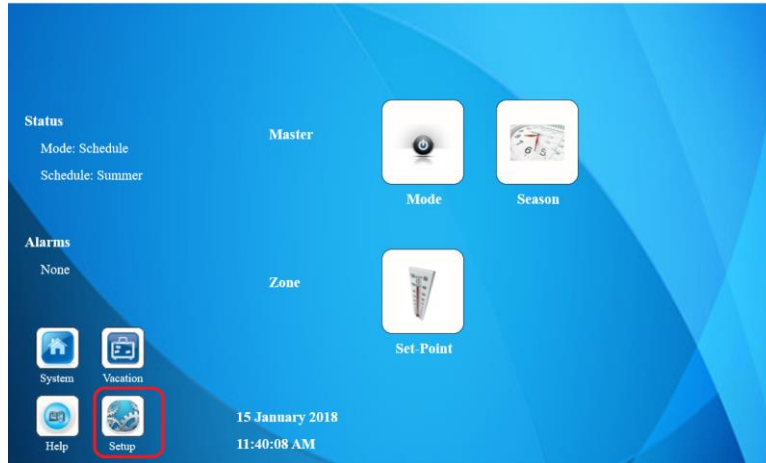
Alarm Strategy

1. An alarm event is triggered when the alarm first becomes active.
2. The Date and Time of the alarm event is captured.
3. An alarm event will be registered on the User Interface Home Screen immediately and will remain on this screen until the condition that caused the alarm is cleared.
4. An alarm event will trigger an email if the email enable associated with the alarm is checked and the “Message” textbox has been filled in.
5. Subsequent Alarm email will only be sent when the Alarm Date/Time Stamp has been cleared.
6. The Alarm Date/Time stamp:
 - a. Is cleared **manually** in the Status Screen or via Remote Access.
 - b. Is cleared **automatically** when the alarm condition is cleared if “Auto Clear” is checked.

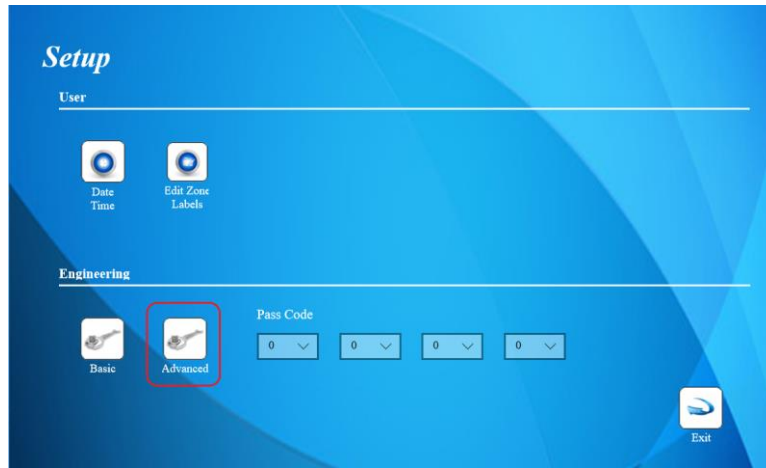
- If the Alarm Date/Time stamp is cleared while the alarm condition is active then a new alarm event will be generated immediately.

Access Alarm Configuration

Step 1. Press “Setup” on the Home Screen

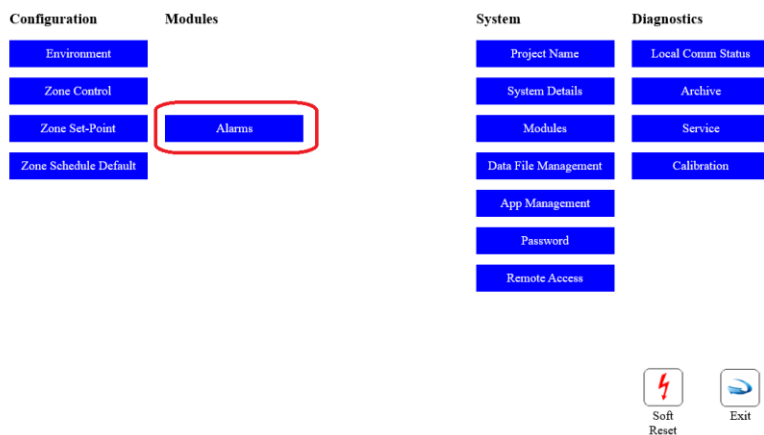


Step 2. Press “Advanced” on the Setup Screen



Step 3. Press “Alarms” in the Advanced Setup Screen

Advanced Setup



Alarm Configuration Screen

Alarms

Alarm Alarm #1 ▾	Activation Relay ▾ IO #1 ▾	Relay #1 Relay #1 ▾	Message Over Pressure	Enable <input checked="" type="checkbox"/>
				Email <input checked="" type="checkbox"/>
				Auto Clear <input checked="" type="checkbox"/>

q	w	e	r	t	y	u	i	o	p	7	8	9	←
a	s	d	f	g	h	j	k	l	@	4	5	6	Clear
z	x	c	v	b	n	m	-	_	.	1	2	3	Caps
											0		

Setup email



Exit

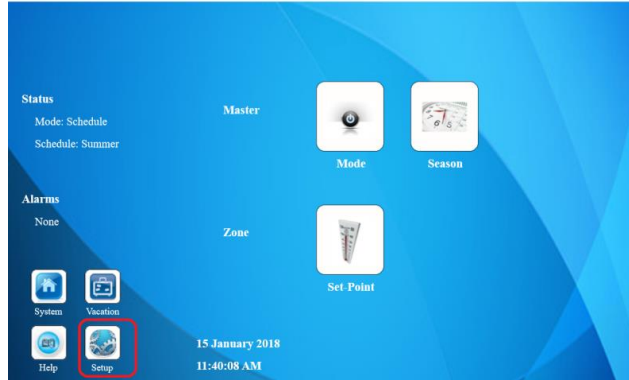
Press to Setup Email Settings

Parameter	Description
Alarm	The Alarm Combobox selects the Alarm number.
Activation	<p>Activation Type</p> <p>Unused Alarm is not is use</p> <p>Input Alarm is triggered by an Input activation.</p> <p>Relay Alarm is triggered by a Relay Output activation. The relay output can be used to monitor several system states.</p>
Message	Message forwarded to the User Interface and emailed in the event of an alarm activation.
Enable	Alarm notification is enabled when “Enable” is checked.
Email	An Email notification is transmitted in the event of an alarm when “Email” is checked. Date/Time stamp for the alarm must be blank before an email can be generated.
Auto Clear	If Auto Clear is checked then the Date/Time stamp is automatically cleared when the alarm condition is cleared. This allows a new email transmission in the event that the alarm is re-triggered.

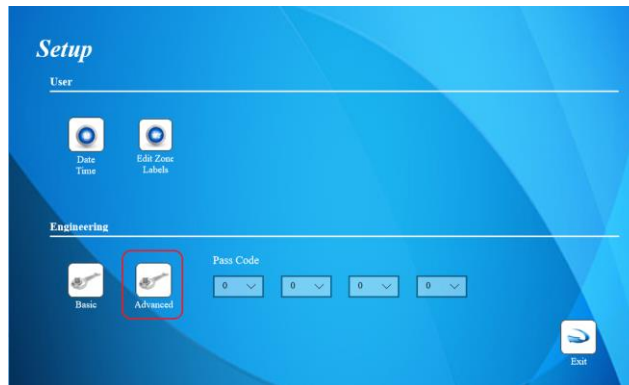
Email Configuration Screen

The Email Address is setup in the System Details Screen. Follow Steps 1-3 to Access the System Details Screen

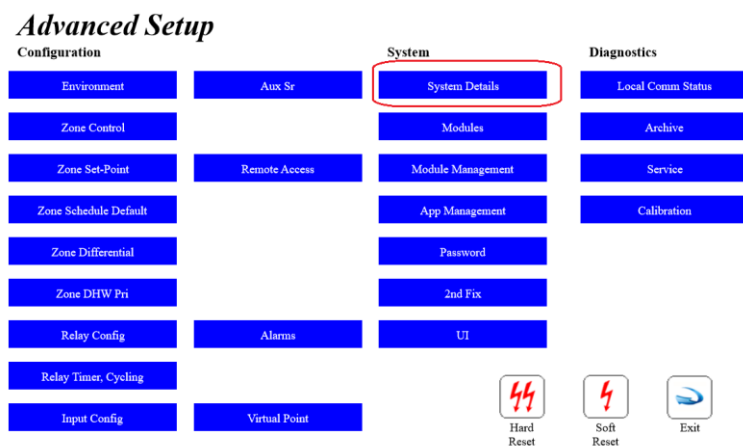
Step 1. Press “Setup” on the Home Screen



Step 2. Press “Advanced” on the Setup Screen



Step 3. Press “System Details” in the Advanced Setup Screen



System Details Screen – SMTP (email)

Email Setup

Server	<input type="text" value="windows-mail1.ukdns.biz"/>	Port	<input type="text" value="465"/>	<input checked="" type="checkbox"/> SSL
Username	<input type="text" value="smtp@ComeraghControls.Com"/>	Email	<input type="text" value="JoeBloggs@gmail.com"/>	
Password	<input type="text" value="fX00FF738989j3ui"/>	CC	<input type="text"/>	

q	w	e	r	t	y	u	i	o	p	7	8	9	←
a	s	d	f	g	h	j	k	l	@	4	5	6	Clear
z	x	c	v	b	n	m	-	_	.	1	2	3	Caps
											0		

Default

Test



Exit

The following settings are required to direct alarm messages to the desired recipients.

Setting	Description
Email	The primary Alarm recipient.
CC	An optional Alarm recipient.

Default

Press the **Default button** to restore the defaults SMTP server settings. “Email” and “CC” will remain unchanged

Test

Press the **Test button** to send a test message to the Email and CC address.

The following SMTP server settings should ONLY be changed is a personal smtp server is required.

The user should contact the internet service provider if a personal smtp server is desired. The provider will supply the server, port and whether or not SSL is should be checked. The user will need to add a username (an email address) and corresponding password.

Setting	Description
Server	The SMTP server. The default server belongs to Comeragh Controls. The system does not support Oauth2. Servers requiring OAUTH2 will not work (e.g. smtp.gmail.com).
Username	The Username is the gmail email address.

Password	Password is the gmail email address password.
Port	This is the email port. "465" is the port typically used for SMTP.
SSL	Secure Socket Layer.