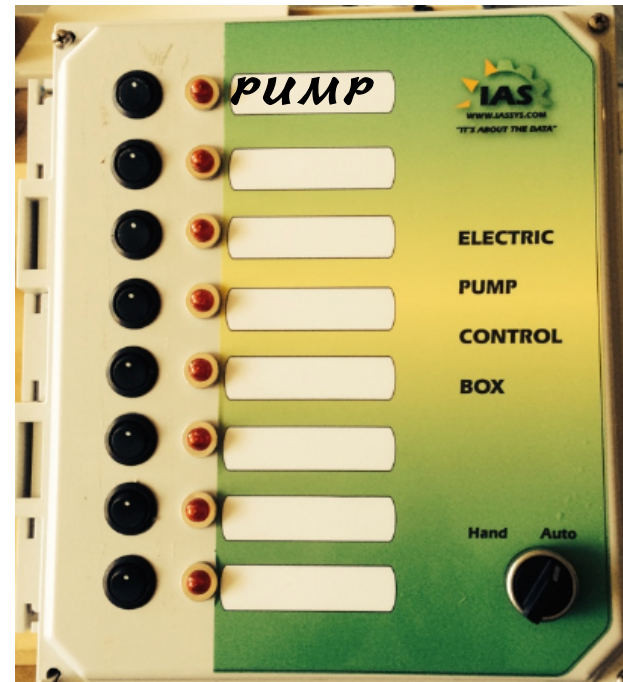


# XR3000 Installation Testing

For Electric Installations

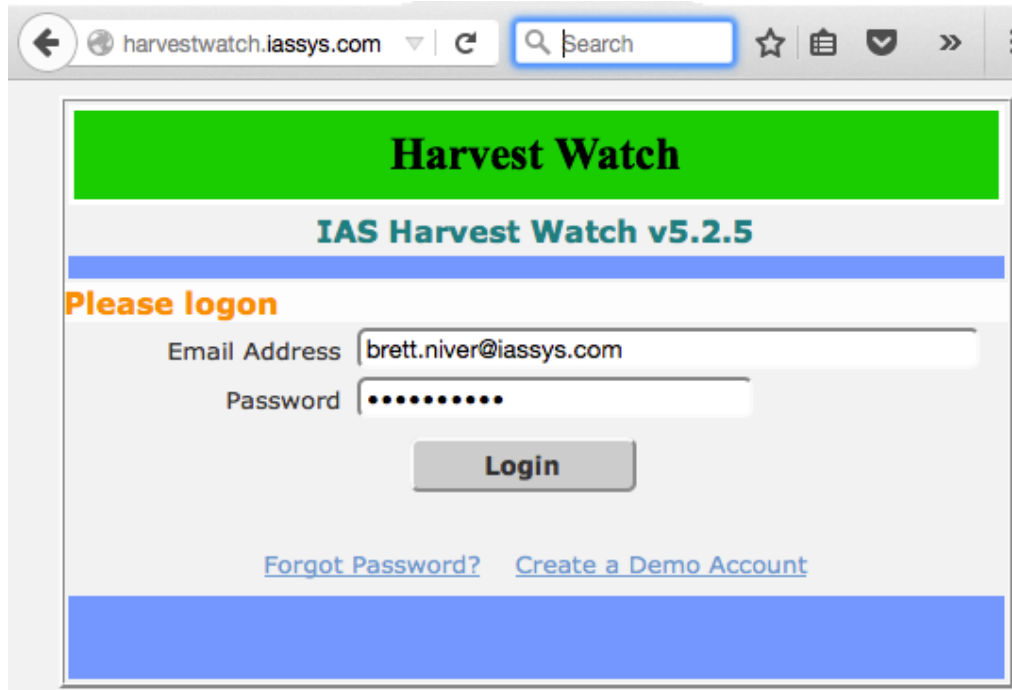
# Manual Testing

- 1) Once you have installed the IAS Electric Pump Control Box, you should label the controls 1 – 8 to match your connection scheme.
- 2) In this example, control 1 is wired to the Pump Start circuit.
- 3) Verifying that the IAS Electric Pump Control Box is plugged into line voltage, and also wired to an external 12V battery, test the pump start circuit using the Switch to the left.
- 4) Verify that the pump starts, and that the corresponding LED lights.
- 5) When complete, verify that the Bottom Right switch is in the Auto Position.



# Testing from HarvestWatch

Log into your account on HarvestWatch at URL [harvestwatch.iassys.com](http://harvestwatch.iassys.com)



The screenshot shows a web browser window with the address bar displaying [harvestwatch.iassys.com](http://harvestwatch.iassys.com). The page content includes a green header with the text "Harvest Watch", a blue sub-header with "IAS Harvest Watch v5.2.5", and a blue bar with the text "Please logon". Below this, there is a login form with two input fields: "Email Address" containing the text "brett.niver@iassys.com" and "Password" containing eight dots. A "Login" button is positioned below the password field. At the bottom of the form, there are two links: "Forgot Password?" and "Create a Demo Account".

Use the email you provided to create the account, and the default password of 12345678

# Turn on the Pump

Write Read Send Delete Polling History Edit Device

Write to Group(s)  Refresh Every  Minutes  Retry on Error?

Select Device to View: XR3000 172.28.2.53 - Burgundy #1

Control Input Output Wireless System Local Sensors

Schedule 1		Schedule 2		Schedule 3		
Run Time (Hours 99.9)	<input type="text" value="0.0"/>	Run Time (Hours 99.9)	<input type="text" value="0.0"/>	Run Time (Hours 99.9)	<input type="text" value="0.0"/>	
Start Time (HH:MM)	<input type="text" value="0:00"/>	Start Time (HH:MM)	<input type="text" value="0:00"/>	Start Time (HH:MM)	<input type="text" value="0:00"/>	
Sun <input type="checkbox"/>	Mon <input type="checkbox"/>	Tue <input type="checkbox"/>	Wed <input type="checkbox"/>	Thu <input type="checkbox"/>	Fri <input type="checkbox"/>	Sat <input type="checkbox"/>

Output On 1-4

Output 1	Out 2	Out 3	Out 4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Output On 5-8

Out 5	Out 6	Out 7	Out 8
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2:RF Soil Moisture Graph (%)	<input type="text" value="102"/>	<input type="button" value="View Graph"/>	
3:RF Temp Graph (F)	<input type="text" value="47.9"/>	<input type="button" value="View Graph"/>	
5:RF Soil Moisture Graph (%)	<input type="text" value="58"/>	<input type="button" value="View Graph"/>	
6:RF Soil Moisture Graph (%)	<input type="text" value="29"/>	<input type="button" value="View Graph"/>	
7:RF Soil Moisture Graph (%)	<input type="text" value="46"/>	<input type="button" value="View Graph"/>	
8:RF Soil Moisture Graph (%)	<input type="text" value="56"/>	<input type="button" value="View Graph"/>	

Check the Output that corresponds with the wiring of the pump start circuit to the IAS Electric Pump Control Box, then click “WRITE”

Field Names can be relabeled as long as the labeling is consistent within an account. Output 1 can be labeled “Pump”, as long as Output 1 is used to start the pump on all devices

# Turn Off Pump

Write Read Send Delete Polling History Edit Device

Write to Group(s)  Refresh Every  Minutes  Retry on Error?

Select Device to View: XR3000 172.28.2.53 - Burgundy #1

Control Input Output Wireless System Local Sensors

Schedule 1		Schedule 2		Schedule 3		
Run Time (Hours 99.9)	<input type="text" value="0.0"/>	Run Time (Hours 99.9)	<input type="text" value="0.0"/>	Run Time (Hours 99.9)	<input type="text" value="0.0"/>	
Start Time (HH:MM)	<input type="text" value="0:00"/>	Start Time (HH:MM)	<input type="text" value="0:00"/>	Start Time (HH:MM)	<input type="text" value="0:00"/>	
Sun <input type="checkbox"/>	Mon <input type="checkbox"/>	Tue <input type="checkbox"/>	Wed <input type="checkbox"/>	Thu <input type="checkbox"/>	Fri <input type="checkbox"/>	Sat <input type="checkbox"/>

Output On 1-4

Pump	Out 2	Out 3	Out 4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Output On 5-8

Out 5	Out 6	Out 7	Out 8
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2:RF Soil Moisture Graph (%)	<input type="text" value="102"/> View Graph	
3:RF Temp Graph (F)	<input type="text" value="47.9"/> View Graph	
5:RF Soil Moisture Graph (%)	<input type="text" value="58"/> View Graph	
6:RF Soil Moisture Graph (%)	<input type="text" value="29"/> View Graph	
7:RF Soil Moisture Graph (%)	<input type="text" value="46"/> View Graph	
8:RF Soil Moisture Graph (%)	<input type="text" value="56"/> View Graph	

Again, uncheck the Output that corresponds with the wiring of the pump start circuit to the IAS Electric Pump Control Box, then click “WRITE”. In this example we’ve labeled Out 1 as “Pump”.