

Operating Instructions

3D TW Web

Version

November 2011

1. Logon

Open Windows Internet Explorer and enter the default website address for 3D TW Web on your system. This may be set up by your IT administrator as a short cut on your desktop or favourite in Windows IE.

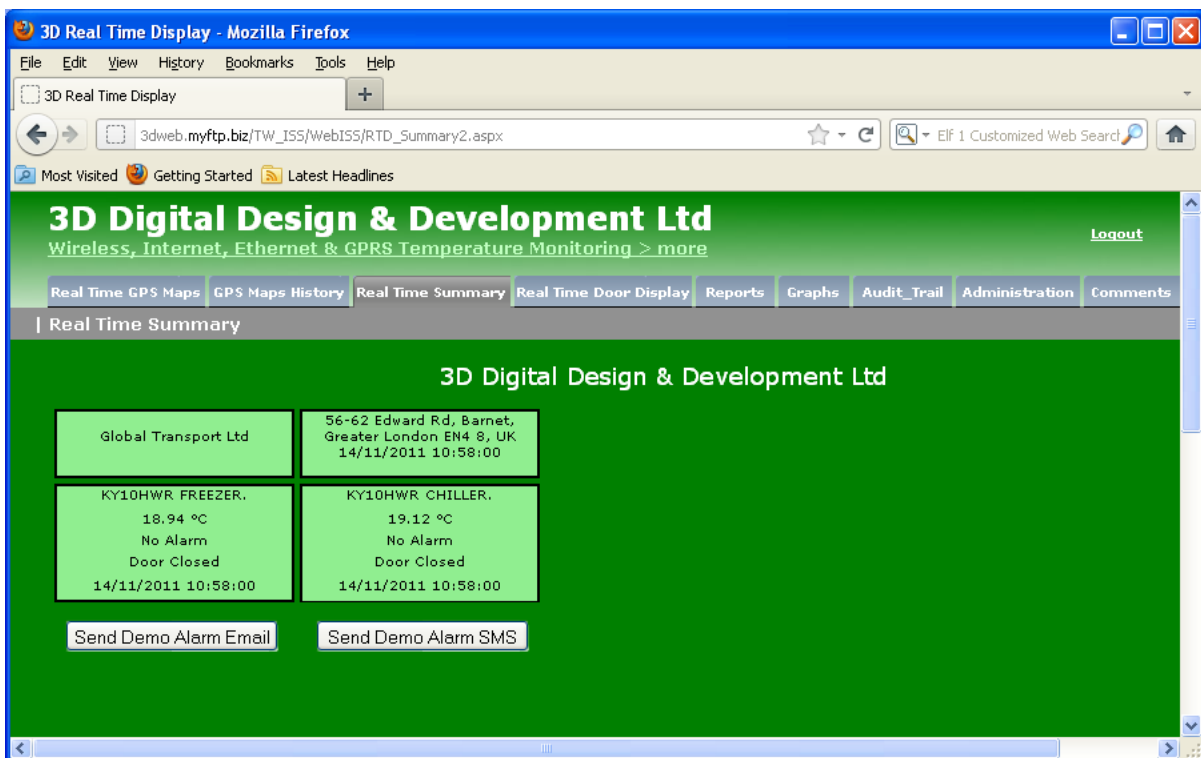
Logon User Name and Password default username Admin, Password threed.



The screenshot shows the login interface for 3D Digital Design & Development Ltd. The page has a green header with the company name and a 'Logout' link. Below the header is a 'User Login' section with a 'Log In' link above two input fields: 'User Name:' and 'Password:'. A 'Log In' button is positioned below the password field.

Once the user has logged on to 3D TW Web, the Real time Display Summary screen will appear. See below.

2. Real time Summary

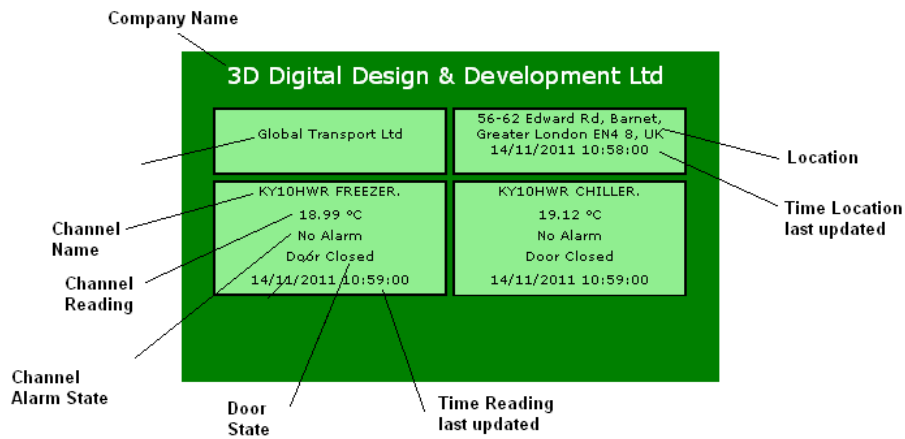


The screenshot displays the '3D Real Time Display - Mozilla Firefox' browser window. The address bar shows the URL '3dweb.myftp.biz/TW_ISS/WebISS/RTD_Summary2.aspx'. The page content includes the company logo and navigation tabs: 'Real Time GPS Maps', 'GPS Maps History', 'Real Time Summary', 'Real Time Door Display', 'Reports', 'Graphs', 'Audit_Trail', 'Administration', and 'Comments'. The 'Real Time Summary' section is active, showing a table of monitoring data for '3D Digital Design & Development Ltd'.

3D Digital Design & Development Ltd	
Global Transport Ltd	56-62 Edward Rd, Barnet, Greater London EN4 8, UK 14/11/2011 10:58:00
KY10HWR FREEZER. 18.94 °C No Alarm Door Closed 14/11/2011 10:58:00	KY10HWR CHILLER. 19.12 °C No Alarm Door Closed 14/11/2011 10:58:00

At the bottom of the summary section, there are two buttons: 'Send Demo Alarm Email' and 'Send Demo Alarm SMS'.

The following information is initially displayed.



When a channel is in alarm state the Real Time Display initially shows the temperature with an orange band and the words “Alarm Delay”.



If the channel remains in alarm past the preset alarm delay period, the colour band will change to red and the words “Alarm High” or in the case of the low alarm set point, the words “Alarm Low” will be displayed.



You can acknowledge the alarm by moving the cursor over and left clicking on the red colour band. An orange box will be displayed that requires you to log on and enter the cause of the alarm. Press OK. This information will be stored in the database and be added to the Audit report



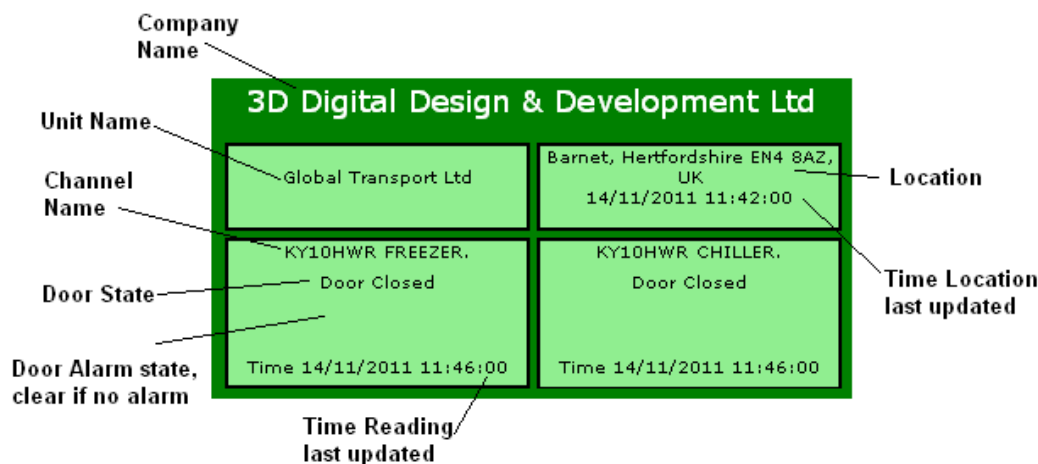
Once you have entered your logon details and Alarm cause, the Real time Display will show "Alarm Ack" with an red band in the channel box.



3. Real time Door Display



The following information is initially displayed.



When a channel is in alarm state the Real Time Door Display shows the door state with an orange band and the words “Alarm Delay”.

The screenshot shows the 'Real Time Door Display' page. The main content area displays the following data:

Global Transport Ltd	Barnet, Hertfordshire EN4 8AZ, UK 14/11/2011 11:52:00
KY10HWR FREEZER. Door Closed	KY10HWR CHILLER. Door Closed Alarm Delay
Time 14/11/2011 11:55:00	Time 14/11/2011 11:55:00

If the door remains in alarm past the preset door alarm delay period, the colour band will change to red and the word “Alarm” will be displayed.

The screenshot shows the 'Real Time Door Display' page. The main content area displays the following data:

Global Transport Ltd	Barnet, Hertfordshire EN4 8AZ, UK 14/11/2011 11:52:00
KY10HWR FREEZER. Door Closed	KY10HWR CHILLER. Door Closed ALARM
Time 14/11/2011 11:55:00	Time 14/11/2011 11:55:00

You can acknowledge the alarm by moving the cursor over and left clicking on the red colour band. An orange box will be displayed that requires you to log on and enter the cause of the alarm. Press OK. This information will be stored in the database and be added to the Audit report



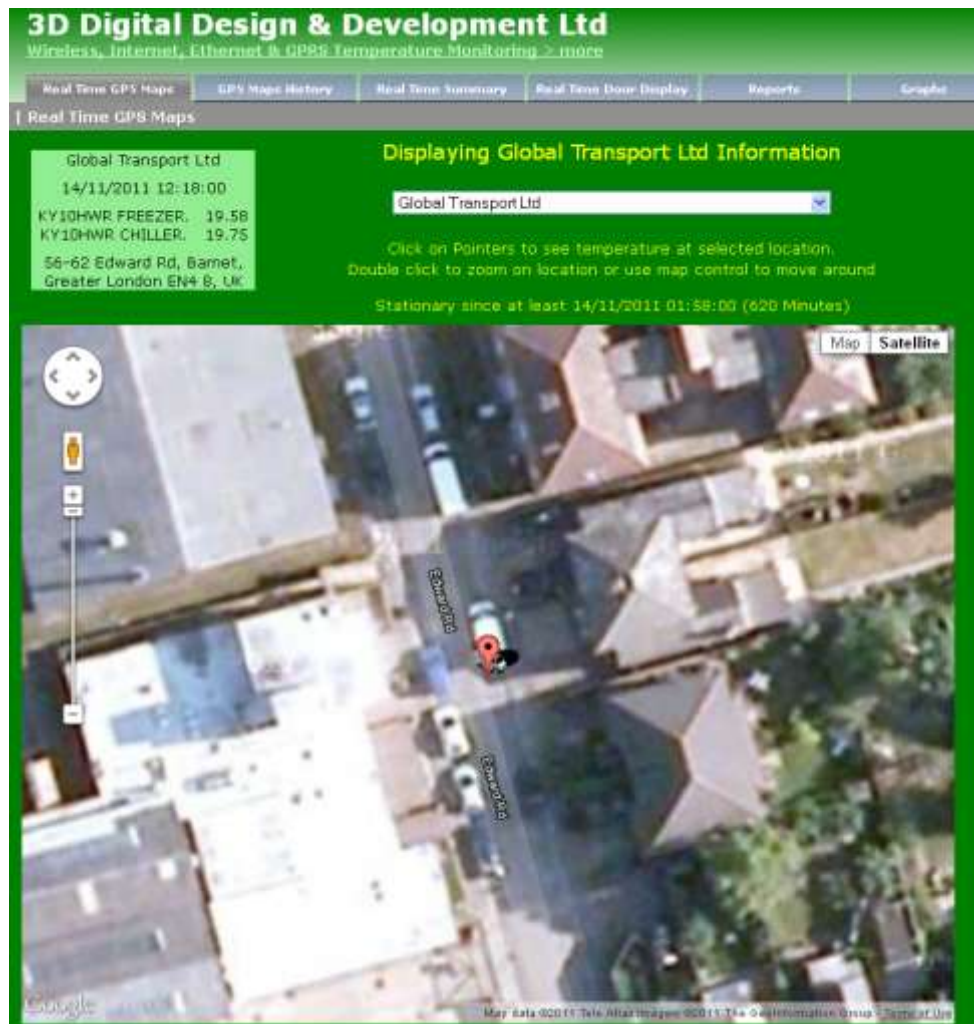
Once you have entered your logon details and Alarm cause, the Real time Display will show "Alarm Ack" with a red band in the channel box.



4. Real Time GPS Maps

The GPS tab. You have the option to select different units from the drop down box shown below – we are displaying Global Transport Ltd.

On the left the following information is displayed – Unit name, Last updated date and time, Channel 1 & 2's temperature reading and the current location.



You can use the mouse to zoom in and move around on the map - the Google map control can also be used.

The truck image is the most recent location and if you click on a pointer you see the following



The screen displays *Stationary since at least 14/11/2011 02:03:00 (620 Minutes)* if the location has not changed. This screen will automatically refresh every minute.

5. GPS Maps History

This screen allows you to specify a unit, date and time to view locations for.



You can use the mouse to zoom in and move around on the map - the Google map control can also be used.

The truck image is the most recent location and if you click on a pointer you see the following



The screen displays *Stationary since at least 14/11/2011 02:03:00 (620 Minutes)* if the location has not changed or it will show the last location address.

6. Administration

When viewing the Administration tab, the operator can select to view Channel, Unit or Users settings.

Place the cursor over the Administration tab and select from the drop down menu.



The screenshot shows the Administration page with a table of channels. The table has columns for Chn No, Enabled, Name, High Alarm Value, Low Alarm Value, Alarm Delay, Alarm Repeat, Sensor Type, Eng Units, Eng High Value (mA), Eng Low Value (mA), Digital Input, Door Alarm Delay, Door Alarm Repeat, and Door Alarm Trigger. Two channels are listed: KY10HWR FREEZER and KY10HWR CHILLER.

Chn No	Enabled	Name	High Alarm Value	Low Alarm Value	Alarm Delay	Alarm Repeat	Sensor Type	Eng Units	Eng High Value (mA)	Eng Low Value (mA)	Digital Input	Door Alarm Delay	Door Alarm Repeat	Door Alarm Trigger
1	YES	KY10HWR FREEZER	12.00	-15.00	1 Minute	15 Minutes	PT100	°C	0	0	N/A	1 Minute	10 Minutes	OPEN
2	YES	KY10HWR CHILLER	30.00	-150.00	1 Minute	5 Minutes	PT100	°C	0	0	N/A	1 Minute	20 Minutes	OPEN

Channels Page

Click on the Update Channel Settings button to view and update individual settings, once settings have been changed click on save settings button to update the unit.



The screenshot shows the Update Channel Settings form for the KY10HWR FREEZER channel. The form includes fields for Unit Name, Channel Name, Engineering units, Door Trigger, High Alarm Value, Low Alarm Value, Alarm Delay, Alarm Repeat, Door Alarm Delay, Door Alarm Repeat, Channel ID, Enabled, Sensor Type, Engineering Value High (mA), Engineering Value Low (mA), and Door Status. There are Save Settings and Cancel buttons at the bottom.

Please Select a channel to update
KY10HWR FREEZER

Unit Name: Global Transport Ltd
Channel Name: KY10HWR FREEZER
Engineering units: °C
Door Trigger: Open
High Alarm Value: 12.00
Low Alarm Value: -15.00
Alarm Delay: 1 Minute
Alarm Repeat: 15 Minutes
Door Alarm Delay: 1 Minute
Door Alarm Repeat: 10 Minutes
Channel ID: 257
Enabled: Channel Enabled
Sensor Type: PT100
Engineering Value High (mA): 0
Engineering Value Low (mA): 0
Door Status: [Dropdown]

Save Settings Cancel

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Real Time GPS Maps | GPS Maps History | Real Time Summary | Real Time Door Display | Reports | Graphs | Audit_Trail | Administration | Comments

| Administration | Units

Unit Name	Unit Type	Rom Version	No Of Chns	Temperature Unit	Log Rate	Alarm Relay	Alarm Buzzer	Door Relay	Door Buzzer	Alarm Latching
Global Transport Ltd TW1		3.2	2	Celsius	1	High or Low	None	In Alarm	In Alarm	ON

Units Page

Click on the Update Unit Settings button to view and update individual settings, once settings have been changed click on save settings button to update the unit.

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Real Time GPS Maps | GPS Maps History | Real Time Summary | Real Time Door Display | Reports | Graphs | Audit_Trail | Administration | Comments

Please Select a unit to update

Please Select

Unit Name Unit ID

Alarm Relay Unit Type

Alarm Buzzer Rom Version

Door Relay Number of Channels

Door Buzzer Temperature Unit

Log Rate Alarm Latching

Select a Date and Click to Download

October		November 2011					December
Mon	Tue	Wed	Thu	Fri	Sat	Sun	
31	1	2	3	4	5	6	
7	8	9	10	11	12	13	
14	15	16	17	18	19	20	
21	22	23	24	25	26	27	
28	29	30	1	2	3	4	
5	6	7	8	9	10	11	

3D Digital Design & Development Ltd							Logout	
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Real Time GPS Maps	GPS Maps History	Real Time Summary	Real Time Door Display	Reports	Graphs	Audit_Trail	Administration	Comments
Administration Users								
Add/Modify User			Add/Modify Role					
User Name	Email	Last Login Date	Last Activity Date	Last Password Changed Date	Is Online			
ADMIN		14/11/2011 11:00:36	14/11/2011 11:00:36	27/04/2011 12:35:35	<input type="checkbox"/>			
DEMO		14/11/2011 11:00:36	14/11/2011 11:00:36	05/05/2011 10:13:21	<input type="checkbox"/>			
DEMOUSER1	info@tms-us.com	09/11/2011 16:15:34	09/11/2011 16:15:34	24/10/2011 14:38:54	<input type="checkbox"/>			
DEMOUSER2	info@tms-us.com	09/11/2011 16:15:34	09/11/2011 16:15:34	24/10/2011 14:46:01	<input type="checkbox"/>			
JF		14/11/2011 11:00:36	14/11/2011 11:00:36	27/09/2011 10:55:51	<input type="checkbox"/>			
LGI	info@leargroupinternational.com	09/11/2011 16:15:34	09/11/2011 16:15:34	24/10/2011 14:44:44	<input type="checkbox"/>			
TRANSWATCH		14/11/2011 11:00:36	14/11/2011 11:00:36	09/05/2011 14:46:35	<input type="checkbox"/>			

Users Page

Click on the Add/Modify User button or Add/Modify Role to view and update individual user and role settings. Once settings have been changed click on save User or OK button to update the system.

3D Digital Design & Development Ltd							Logout	
Wireless, Internet, Ethernet & GPRS Temperature Monitoring > more								
Real Time GPS Maps	GPS Maps History	Real Time Summary	Real Time Door Display	Reports	Graphs	Audit_Trail	Administration	Comments
		<input type="radio"/> Add New <input checked="" type="radio"/> Modify						
Login ID	<input type="text"/>			<input type="checkbox"/>	Active			
Username	<input type="text"/>			<input type="checkbox"/>	Send Alarm E-mail			
Password	<input type="text"/>							
Verify Password	<input type="text"/>							
E-Mail Address	<input type="text"/>							
Mobile No	<input type="text"/>							
Role	System Administration ▾							
<input type="button" value="Save User"/>		<input type="button" value="Cancel"/>						

Add Modify Users Page

Add New Modify

Role Name

Selected	Permission	Permission Description
<input type="checkbox"/>	SysAdmin	System administration
<input type="checkbox"/>	RunSoft	Run software
<input type="checkbox"/>	BackupDB	Backup Database
<input type="checkbox"/>	AckAlarms	Acknowledge alarms
<input type="checkbox"/>	EmailSettings	Modify E-Mail Settings
<input type="checkbox"/>	ViewAudit	View Audit Trail
<input type="checkbox"/>	ViewAdmin	View Administration Settings
<input type="checkbox"/>	AlarmPopup	Change Alarm Popup/Sounder Settings
<input type="checkbox"/>	ChangeSettings	Change Unit/Channel Settings
<input type="checkbox"/>	AddRemUnits	Add/Remove Units
<input type="checkbox"/>	ModifyUsers	Modify User Screens/Details
<input type="checkbox"/>	AddUsers	Add/Remove Users
<input type="checkbox"/>	AddModRoles	Add/Modify Roles
<input type="checkbox"/>	CloseSoft	Close software
<input type="checkbox"/>	CompanyNameSet	Company Name Updated
<input type="checkbox"/>	ExcelSettings	Excel Settings Modified
<input type="checkbox"/>	DatabaseUpdateSettings	Database Update Settings Modified
<input type="checkbox"/>	DatabasePathUpdate	Database/Server Path Update
<input type="checkbox"/>	AddCorrectiveAction	Add Corrective Action
<input type="checkbox"/>	Unlock	Unlock Software

OK

Cancel

Add Modify Roles Page

7. Reports

By selecting the "Reports" tab, the operator can print reports from the available channels.

Reports

Click to Select Date Click on ≥ to Select a Week

October	November 2011							December
	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
≥	31	1	2	3	4	5	6	
≥	7	8	9	10	11	12	13	
≥	14	15	16	17	18	19	20	
≥	21	22	23	24	25	26	27	
≥	28	29	30	1	2	3	4	
≥	5	6	7	8	9	10	11	

Start Date (DDMMYYYY)

End Date (DDMMYYYY)

Click to Select Channels

Select	CID
<input type="checkbox"/>	257
	KY10HWR FREEZER.
<input type="checkbox"/>	258
	KY10HWR CHILLER.

Load Reading Report

Load Event Report

Use Manual Dates

Select All Channels

Clear All Channels

Summary By Channel

Summary By Date

Use Calendar Dates

MKT By Channel

MKT By Date

Export Report

Print Report

NEW Event Report

PDF

Select the required channels you wish to view by ticking the appropriate boxes. You can select all the channels by clicking on “Select All Channels” and remove by clicking on “Remove All Channels”.

Then select the date or week you are interested in viewing by clicking on the date or \geq symbol for the week. The area will be highlighted in blue OR enter the start and end date in the boxes and select Use Manual Dates

Select the “Load Reading Report”, “Load Event Report”, “Summary By Channel” or “Summary By Date”, “MKT By Channel” or “MKT By Date” and the corresponding report will be displayed at the bottom of the screen.

14/11/2011		3D Digital Design & Development Ltd	
<u>Reading Report</u>			
<u>Date/Time</u>	<u>KY10HWR</u>	<u>KY10HWR</u>	
14/11/2011 11:35:00	19.24	19.41	
14/11/2011 11:34:00	19.24	19.41	
14/11/2011 11:33:00	19.24	19.36	
14/11/2011 11:32:00	19.24	19.36	
14/11/2011 11:31:00	19.24	19.32	
14/11/2011 11:30:00	19.24	19.36	
14/11/2011 11:29:00	19.24	19.36	
14/11/2011 11:28:00	19.28	19.41	
14/11/2011 11:27:00	19.24	19.41	
14/11/2011 11:26:00	19.28	19.41	

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Reading Report (Red represents high alarm, blue low alarm, white reading not in alarm)

14/11/2011		3D Digital Design & Development Ltd	
<u>Event Report</u>			
<u>Date/Time</u>	<u>Reading</u>	<u>Event</u>	<u>Door Event</u>
KY10HWR FREEZER.			
14/11/2011 11:19:00	19.14	Alarm Ack SW	

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Event Report

14/11/2011			
3D Digital Design & Development Ltd			
Summary Report			
<u>DateTime</u>	<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
KY10HWR FREEZER.			
14-November-2011	19.33	14.97	16.08
<u>Total</u>	19.33	14.97	16.08
KY10HWR CHILLER.			
14-November-2011	19.46	14.95	16.10
<u>Total</u>	19.46	14.95	16.10

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Summary By Channel Report

14/11/2011			
3D Digital Design & Development Ltd			
Summary Report			
<u>Channel Name</u>	<u>Maximum</u>	<u>Minimum</u>	<u>Average</u>
14-November-2011			
KY10HWR FREEZER.	19.33	14.97	16.08
KY10HWR CHILLER.	19.46	14.95	16.10

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Summary By Date Report

The MKT reports are the same as the summary but include the MTK value. You can print or save these reports by selecting the "Print Report" button. A PDF file will be created which can either be opened and printed or saved.

The same report can be saved or exported in either PDF, Excel, Rich Text or Word format by selecting the "Export Report" button.



8. Graphs

The operator can view and print out a graph from the data collected. The graphs window displays the calendar on the left and the available channels on the right hand side.

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Wireless, Internet, Ethernet & GPRS Temperature Monitoring > more [Logout](#)

Real Time GPS Maps | GPS Maps History | Real Time Summary | Real Time Door Display | Reports | **Graphs** | Audit_Trail | Administration | Comments

| Graphs

Click to Select Date | Click on ≥ to Select a Week

Start Date (DDMMYYYY)

End Date (DDMMYYYY)

Click on a Date to Select

Use Manual Dates
 Use Calendar Dates

Click to Select Channels | Select | CID

Channel	Select	CID
KY10HWR FREEZER.	<input type="checkbox"/>	257
KY10HWR CHILLER.	<input type="checkbox"/>	258

Select All Channels | Clear All Channels

No Data to Display

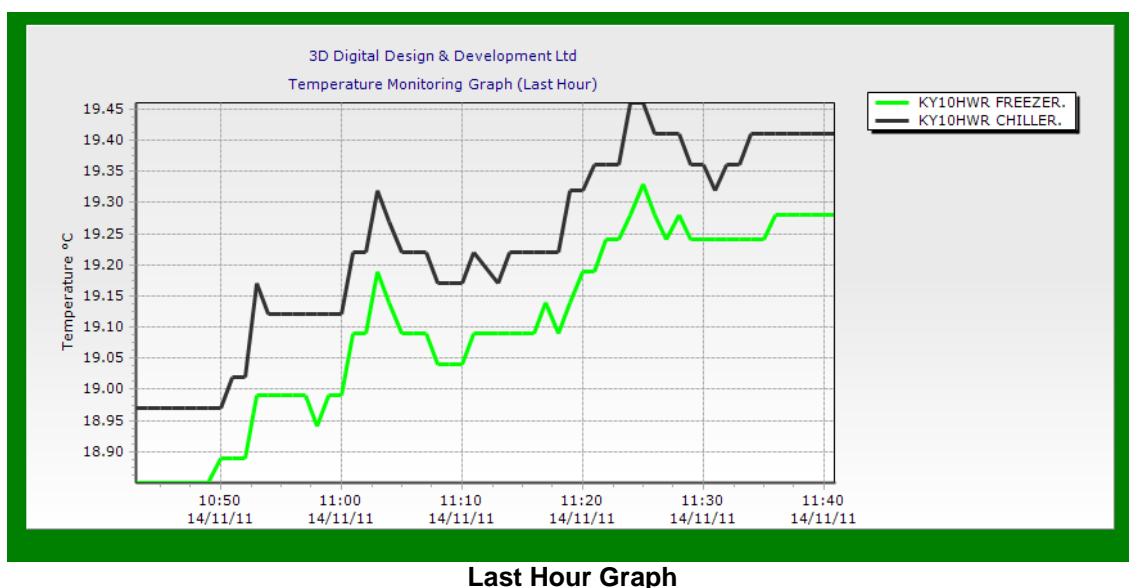
Last Hour Graph | Daily Graph | Print Page | Zoom Reset

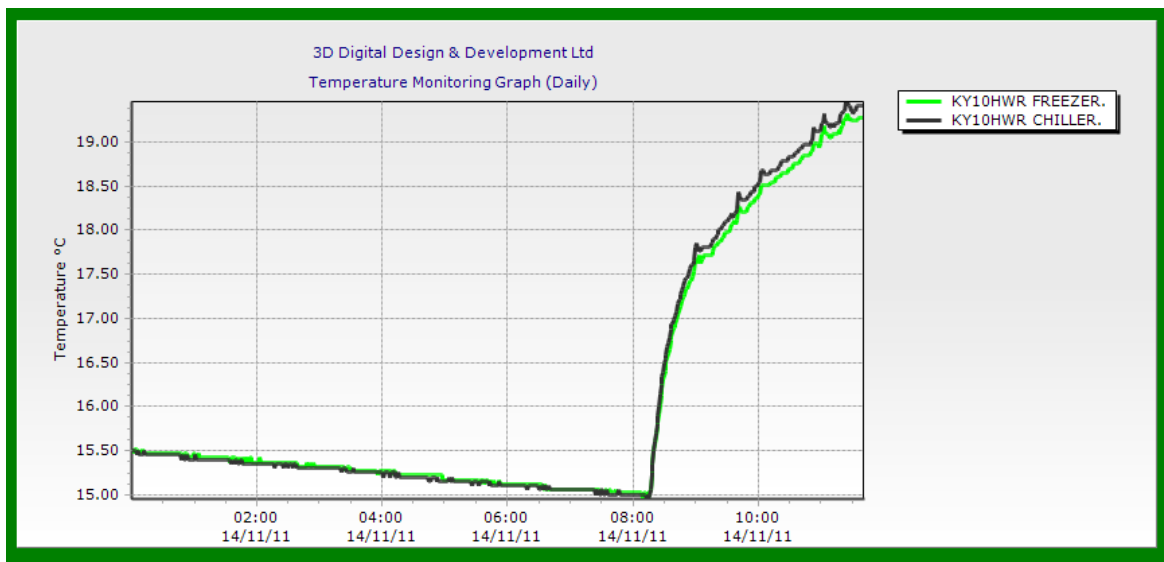
Select the required channels you wish to view by ticking the appropriate box. You can select all the channels by clicking on “Select All Channels” and remove by clicking on “Remove All Channels”.

Then select the date or week you are interested in viewing by clicking on the date or \geq symbol for the week. The area will be highlighted in blue OR enter the start and end date in the boxes and select Use Manual Dates

Next either select “Last Hour Graph” or “Daily Graph”. The appropriate graph will be displayed at the bottom of the page.

By left clicking and holding the mouse cursor over an area of interest, then forming a box, the operator can zoom into the graph.





Daily Graph

Graphs can be printed by clicking on "Print Page".

9. Audit Trail

The operator can create a daily or weekly Audit Report.

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Wireless, Internet, Ethernet & GPRS Temperature Monitoring > more

Administration Realtime Displays Reports Graphs Audit Trail Comments

Audit Trail

Click to Select Date Click on ≥ to Select a Week

May	June 2010							July
	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
≥	31	1	2	3	4	5	6	
≥	7	8	9	10	11	12	13	
≥	14	15	16	17	18	19	20	
≥	21	22	23	24	25	26	27	
≥	28	29	30	1	2	3	4	
≥	5	6	7	8	9	10	11	

Load Audit Report

Export Report Print Report

PDF

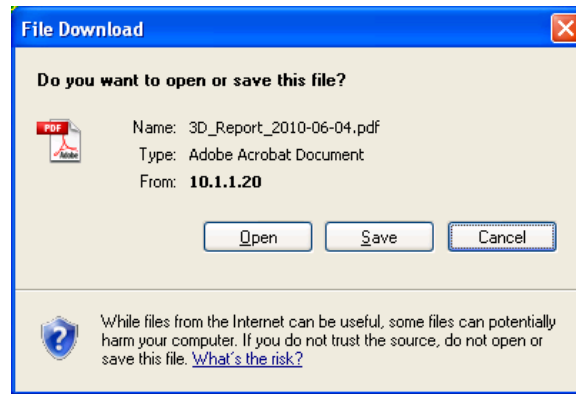
Simply click on the required date or week by using the appropriate \geq symbol which appears to the left of each week. Next select "Load Audit Report", enter your username and password. Scroll down to the bottom of the page and an Audit Report will be listed on screen.

14/11/2011 3D Digital Design & Development Ltd

Date/Time	Description	Channel Name	Comment	Corrective Action	User	Username
07/11/2011						
15:11	Channel details set	KY10HWR FREEZER	Channel Door Active State changed from Closed to Open			System Admin
15:11	Channel details set	KY10HWR CHILLER	Channel Door Active State changed from Closed to Open			System Admin
15:08	Alarm acknowledged	KY10HWR FREEZER	Cause: ack			System Admin
15:08	Alarm acknowledged	KY10HWR CHILLER	Cause: ack1			System Admin
15:04	Channel details set	KY10HWR FREEZER	Channel Door Active State changed from Open to Closed			System Admin
15:04	Unit details set		Unit digital alarm output buzzer control changed from None to In Alarm			System Admin
15:04	Unit details set		Unit date time updated			System Admin
15:04	Unit details set		Temperature unit changed from Fahrenheit to Celsius			System Admin
15:04	Unit details set		Unit readings alarm output buzzer control changed from None to High or Low			System Admin
15:01	Channel details set	KY10HWR FREEZER	Channel name changed from KY10HWR FREEZER to KY10HWR FREEZER			System Admin

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You can print or save this report by selecting the “Print Report” button. A PDF file will be created which can either be opened and printed or saved.



By selecting “Open” the report will be displayed as below.

4/26/2010		3D Digital Design & Development Ltd					
		Audit Report					
Date/Time	Description	Channel Name	Comment	Corrective Action User	Corrective Action	Username	
6/6/2010	18:21	User log-in				Daryl	
	18:27	User log-out				Daryl	
	18:28	Alarm acknowledged	Warnings Cleared By User			Daryl	
	18:21	User log-in				Daryl	
	18:21	User log-out				System Admin	
	13:46	Alarm acknowledged	Warnings Cleared By User			System Admin	
	13:58	User log-in				System Admin	
20/6/2010	17:35	User log-out				System Admin	
	18:35	Alarm acknowledged	Pharmacy	Causes test		System Admin	
	18:30	Channel details set	Pharmacy	Channel Alarm Low Value changed from -100 to 15.00		System Admin	
	18:30	Send unit changes to unit				System Admin	
	18:29	View Administration screen				System Admin	
	18:03	User log-in				System Admin	
20/6/2010	12:19	User log-out				Daryl	
	12:25	Alarm acknowledged	Warnings Cleared By User			Daryl	
	12:22	Alarm acknowledged	Pharmacy	(Speech/Client) Alarm Ack		Daryl	
	12:21	Alarm acknowledged	Pharmacy	Causes test		Daryl	
	12:14	User log-in				Daryl	

The same report can be saved or exported in either PDF, Excel, Rich Text or Word format by selecting the “Export Report” button.

10. Comments

All comments, suggestions and problems with 3D TW Web may be directed to 3D using the comments field.