

The DAN Website

DM32

Operation Instructions

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LOGIN

Refer 'DAN – ACCESSING YOUR SYSTEM'

Once you have successfully logged onto your system on the DAN website, the index can be found across the top of the page, below the blue banner. A detailed explanation of each index item is provided below. To return to the 'main' index place your cursor over the word 'main' and select 'Index'


IMPORTANT NOTES:

1. These notes cover the operational aspects of the DAN web site.
2. When **ANY** change is made to a page it is necessary to scroll to the bottom of the page and **submit** the change. Once accepted by the DAN server you will be required to **click OK** to confirm the change.
3. SMS Messages will only be sent if the facility has been activated (refer – communication setup).
4. Any shaded field cannot be changed.
5. The maximum allowable number of characters that may be entered into any SMS message window is 98.
6. Search procedures are detailed for standard search facilities (Data and Alarm). Other search procedures follow the same pattern and may change from time to time.



PROPERTIES

The Properties page is found by passing your cursor over the 'System' item and clicking on the drop down 'Properties'. The following page will be displayed:



Powerful Web Based
Data Logging Solutions

[Main](#)[System](#)[Logout](#)

System Properties

GROUP IDENTIFICATION

GROUP ALIAS: 10021201

DEVICE IDENTIFICATION

ALIAS: DM32 NZ

SERIAL NUMBER: 10021201 | DM32 NZ

MOTHERBOARD NO: 236682

DAUGHTERBOARD NO: Not Known

SIM CARD NO: 499104070

IMEI NO: 354056002699720

TELEPHONE: 0405939271

DATA DISPLAY FORMAT

CURRENT GMT IN USE: +11:00 [±HH:MM]

NEW GMT TO BE USED: [±HH:MM]

AFTER: [YYYY-MM-DD HH:MM]

DATE TIME

CURRENT LOCAL TIME: Fri Feb 26 14:52:31 2010

SYSTEM FIRST ACTIVATED: 2010-02-25 [YYYY-MM-DD]

PARAMETERS LAST CHANGED: 2010-02-26 [YYYY-MM-DD]

CONTACT

USER ID: 10021201

PASSWORD: CONFIRM PASSWORD:

NAME:

ADDRESS:

TEL (DAY):

TEL (AFTER HOURS):

Submit

GROUP ALIAS:

The name given to this unit and if other units are added will be the name of the group of units

SERIAL NUMBER:

The serial number of the hardware given to the assembly by DAN. This number should be the same as the number on the hardware. The serial number on the hardware may be found on the edge of the lower board nearest the hinge (toward bottom of unit)

MOTHERBOARD NO:

The serial number of the motherboard or lower board used in this assembly

DAUGHTERBOARD NO:

The serial number of the daughterboard or upper board placed into this assembly

SIM CARD NO:

The number of the SIM card located in the modem

IMEI NO:

The modem identification number

TELEPHONE:

The contact number provided for contacting the hardware via mobile telephone

DATA DISPLAY FORMAT

This section relates to the setting of reports into local time

CURRENT GMT IN USE:

Reports are being tabulated in terms of this GMT relationship

NEW GMT TO BE USED:


This is the GMT relationship in which you wish to have your reports tabulated

PROPERTIES (Cont'd)

AFTER:	This is the time and date from which you wish the GMT relationship to change. (Note: The time and date set must be later than/after the Current Local Time – see below)
<u>DATE TIME:</u>	
CURRENT LOCAL TIME:	This is the time the system is currently using for reports
SYSTEM FIRST ACTIVATED:	The date the hardware was first turned on and the date from which any free period included with the unit will be timed.
PARAMETERS LAST CHANGED:	The last date on which any operating or security setting was changed
USER ID:	The ID of the user who is nominated as the contact (for contact by DAN)
PASSWORD/CONFIRM NAME:	The facility provided for the changing of security password for login The name of the nominated user
ADDRESS:	The address of the nominated user
TEL (DAY):	The nominated user's daytime telephone number
TEL (AFTER HOURS):	The nominated user's after hours telephone number
<u>SUBMIT</u>	<u>Do not forget to submit changes</u>

COMMUNICATION SET UP

The Communications page is found by passing your cursor over the 'System' item and clicking on the drop down 'Comm Details'. The following page will be displayed.

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[Main](#)[System](#)[Logout](#)

Communication Details

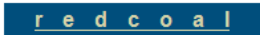
DEVICE IDENTIFICATION
SERIAL NUMBER: 10021201 | DM32 NZ
LOCATION: New Zealand
REPORTING INTERVAL: 30 [MINUTE]
SHIFT INTERVAL END: 0 [MINUTE] (advance or retard recording point)
MISSING REPORTS DETECTION: ☐ (if checked missing reports detection is enabled)
SEND WARNING MESSAGE AFTER: 3 [NUMBER OF MISSING REPORTS]
MISSING REPORTS MESSAGE: Missing Reports

POWER CONSERVATION
CYCLE TIME: 0 [MINUTE]
CONSERVATION TIME: 0 [MINUTE]

TELEPHONES FOR SMS ALARMS
TELEPHONE 1: ☐ IN USE
TELEPHONE 2: ☐ IN USE
TELEPHONE 3: ☐ IN USE
TELEPHONE 4: ☐ IN USE
TELEPHONE 5: ☐ IN USE

E-MAIL ADDRESS FOR ALARMS
E-MAIL 1: ☐ IN USE
E-MAIL 2: ☐ IN USE
E-MAIL 3: ☐ IN USE
E-MAIL 4: ☐ IN USE
E-MAIL 5: ☐ IN USE

TELEPHONES THAT CAN RECEIVE INSTANTANEOUS DATA
TELEPHONE 1:
TELEPHONE 2:
TELEPHONE 3:
TELEPHONE 4:
TELEPHONE 5:

REDCOAL
REDCOAL SMSKEY:


CLICK HERE TO SET UP MESSAGING ACCOUNT WITH REDCOAL. PLEASE NOTE :
ON REGISTRATION WITH REDCOAL A "SMSKEY" WILL BE PROVIDED TO YOU.
TO COMPLETE THE SMS ACTIVATION, LOG IN AND ENTER THIS INFORMATION ABOVE.
TO TEST SUCCESSFUL ACTIVATION OF YOUR ALARM MESSAGING CLICK HERE: ☐

Submit

COMMUNICATION SET UP (Cont'd)

LOCATION: Optional field for imputing location of this field unit
REPORTING INTERVAL: The time in minutes over which this unit will gather data and then report that data to the web site
SHIFT INTERVAL: A facility to move the end time of data capture forward or backward.
END: Returns to '0' once action implemented.

MISSING REPORTS DETECTION: Should you require the web site to monitor your field unit for missed reports
SEND WARNING MESSAGE AFTER: The number of missed reports before the web site alerts you to the fact by sending an email (and SMS if activated)
MISSING REPORTS MESSAGE: The message you wish to receive when the server detects that the set number of 'reports missed' is reached.

POWER CONSERVATION (For use with solar powered field devices)

CYCLE TIME: The time for one reading cycle. Toward the end of each reading cycle, the unit will power up one minute then take readings for one minute.
CONSERVATION TIME: The time during which the field unit will power down and is automatically calculated from the cycle time (= cycle time less two minutes)

TELEPHONE FOR SMS ALARMS:

Up to five mobile numbers may be assigned for receipt of SMS alarm messages (and may be changed at any time) Only those numbers ticked as 'in use' at the time will receive messages

EMAIL ADDRESS FOR ALARMS:

Up to five email addresses may be assigned for receipt of email alarm messages (and may be changed at any time) Only those addresses ticked as 'in use' at the time will receive messages

TELEPHONE APPROVED TO RESET DEVICE:

TELEPHONE: One phone number may be entered as authorised to remotely restart the field unit. The number may be changed as required but a change in number will only be effective after the next reporting cycle.

TELEPHONES THAT CAN RECEIVE INSTANTANEOUS DATA:

Up to five mobile numbers may be assigned for access to instantaneous data (and may be changed at any time) Only the requesting number will receive the SMS

REDCOAL

Click on 'redcoal' to go to the Redcoal web site in order to set up your SMS account.

REDCOAL SMS KEY: When an account is successfully set up with Redcoal, an SMS Key will be provided. The SMS key should be entered here

SUBMIT

Do not forget to submit changes

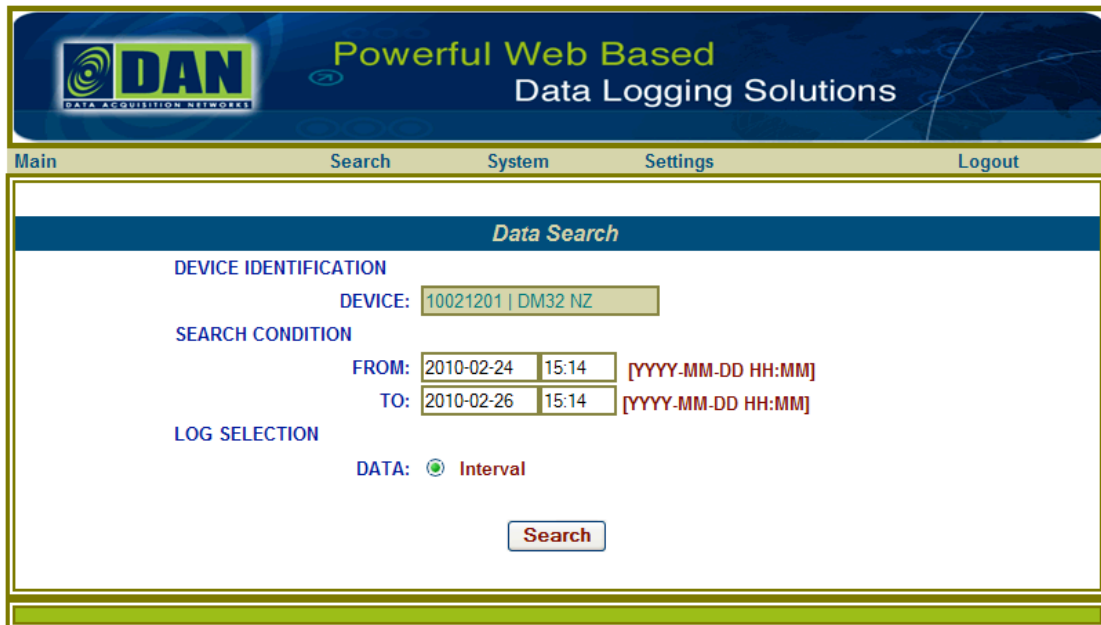
SEARCH (Search for Data)

The Search page is found by passing your cursor over the 'Search' item and clicking on the drop down 'Data Search'. The following page will be displayed.

A search between dates will find the reports that were entered into the server:

For the 'from report', the first report entered after the date and time required.

For the 'to report', the last report entered before the date and time required.



The screenshot shows the 'Data Search' page of the DAN Data Acquisition Network. The page has a blue header with the DAN logo and the text 'Powerful Web Based Data Logging Solutions'. Below the header is a navigation bar with links: Main, Search, System, Settings, and Logout. The main content area is titled 'Data Search' and contains the following sections:

- DEVICE IDENTIFICATION**: A text box labeled 'DEVICE:' containing '10021201 | DM32 NZ'.
- SEARCH CONDITION**: Two rows of date and time selection. The first row is labeled 'FROM:' and the second 'TO:'. Each row has two input boxes for date and time, followed by a placeholder text '[YYYY-MM-DD HH:MM]'.
- LOG SELECTION**: A label 'DATA:' followed by a radio button and the text 'Interval'.
- A 'Search' button at the bottom.

SEARCH CONDITION

FROM:

The start date for the search period defaults to 48 hours prior to now. This may be changed by inserting the time and date from which the search is required to commence.

TO:

The end date for the search defaults to the current time and date. This may be changed by inserting the time and date at which the search is required to end.

SEARCH

Initiates requested search

SEARCH (Search for Alarms)

The Alarm Search page is found by passing your cursor over the 'Search' item and clicking on the drop down 'Alarms Search'. The following page will be displayed.

The screenshot shows the 'Alarms Search' page of the DAN Data Acquisition Network. The page has a blue header with the DAN logo and the text 'Powerful Web Based Data Logging Solutions'. Below the header is a navigation bar with links: Main, Search, System, Settings, and Logout. The main content area is titled 'Alarms Search' and contains several sections: 'DEVICE IDENTIFICATION' with a 'DEVICE' field showing '10021201 | DM32 NZ'; 'SEARCH CONDITION' with 'FROM' and 'TO' date/time fields set to '2010-02-24 15:15' and '2010-02-26 15:15' respectively, with a placeholder '[YYYY-MM-DD HH:MM]'; 'RESULT SET ORDER' with a 'DATE/TIME' dropdown set to 'DESCENDING'; 'ALARM SOURCES' with a 'SOURCES' dropdown set to 'ALL'; and 'ADVANCED' with an 'INCLUDE' checkbox for 'DATABASE ENTRY DATE'. A 'Search' button is located at the bottom of the form.

SEARCH CONDITION

FROM:

The start date for the search period defaults to 48 hours prior to now. This may be changed by inserting the time and date from which the search is required to commence.

TO:

The end date for the search defaults to the current time and date. This may be changed by inserting the time and date at which the search is required to end.

RESULT SET TO ORDER

DATE/TIME:

Select 'descending' or 'ascending' by drop down. Descending places the most recent date at the top of the search result.

ALARM SOURCE

SOURCE:

Select a search based on the reason for alarms

ADVANCED

INCLUDE:

- ☐ 'DATA BASE ENTRY DATE' selection will include in the report the time and date the data was received by the web site

SEARCH

Initiates requested search

TABLE APPEARANCE

Once data is entered into the unit at site, the table will take on the following appearance. Alarms will be generated should the site unit be changed in any way.



Powerful Web Based Data Logging Solutions

Main
Search
System
Settings
Logout

Tables for (14091001 | DM32)

When Tables Upload

☒ **SEND E-MAIL** ☐ **SEND SMS**

Submit

Current Table Configurations				
Input #	Scale	Preset (# of changes)	Apt #	Apt Name
1	0.1000	37026(2)	1	S001
2	0.1000	15075(2)	2	S002
3	0.1000	18512(1)	3	S003
4	0.1000	19395(1)	4	S020
5	0.1000	9351(1)	5	S004
6	0.1000	10821(1)	6	S005
7	0.1000	11622(1)	7	S006
8	0.1000	25154(1)	8	S021
9	0.1000	16914(1)	9	S007
10	0.1000	13565(1)	10	S015
11	0.1000	6955(1)	11	S016
12	0.1000	10214(1)	12	S022
13	0.1000	16270(1)	13	S017
14	0.1000	5682(1)	14	S018
15	0.1000	16230(1)	15	S019
16	0.1000	28503(1)	16	L001
17	0.1000	3665(1)	17	HSM0
18	0.1000	0(0)	18	?001
19	0.1000	0(0)	19	?001
20	0.1000	0(0)	20	?001
21	0.1000	0(0)	21	?001
22	0.1000	0(0)	22	?001
23	0.1000	0(0)	23	?001
24	0.1000	0(0)	24	?001
25	0.1000	0(0)	25	?001
26	0.1000	0(0)	26	?001
27	0.1000	0(0)	27	?001
28	0.1000	0(0)	28	?001
29	0.1000	0(0)	29	?001
30	0.1000	0(0)	30	?001
31	0.1000	0(0)	31	?001
32	0.1000	0(0)	32	?001

Table Upload Times	
Table Name	Last Uploaded Time
Apt	2014-09-12 12:13:10
Assoc	—
Preset	2014-09-12 12:13:10
Scale	2014-09-10 15:21:53