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# Manual Multi-Logger Set-Up

a PFM Customer Counting Product



Version 1.0X July 2008

## General

The Multi-Logger set-up application is designed to control the internal settings of the Multi-Logger System 7.

The application allows you to set the general settings in view of connections, opening closing times and file management plus the set-up of the individual highway's per highway card.

Then application should be installed on a PC / laptop that enables you to connect to the Multi-Logger RS232 communication port via a null modem cable.

tion:	1 1	▼ New		Connectio	n type:				
ghway 1 ddr   Act	Highway 2	Addres Code	Col 1	Col 2 Col 3	Col 4	In 1	Out 1	In 2	Out 2

After a successful installation, the above screen will appear after start-up of the application.

Select the button "new" to start entering a new installation / set-up

New Locat	tion	X
Name:		
Conn. type:		Comm port:
IP address:		Port number:
		Back Save

Fill in the required settings, examples:

			Name:	Test location	
New Locati	on		Conn. type:	Com port	Comm port:
Name: Conn. type:	Test location		IP address:		Port number:
IP address:	192 168 10 205	Port number: 3101			
L		Back Save			

New Location

After saving the new location details, the following screen appears:

ation: -linhw	Test I	ocation	▼ New	]	Co	nnection	type: Direc	t connect,	comport: "			
Addr	Active	Location	Addres Code	Col 1	Col 2	Col 3	Col 4	ln 1	Out 1	In 2	Out 2	
0	No											
л	No											
)2	No											
13	No											
J4	No											
UD CL	NO											
15	NO											
17	NO No											
18 00	NO No											
13	NO											
10	No											
12	No											-
13	No											
14	No											
15	No											
16	No											
17	No											
18	No											
9	No											
20	No											
21	No											
22	No											
23	No											
24	No											
25	No											
26	No											
27	No											10
28	No											8

×

P Configuration	
Local connect settings	
Conn. type: Com port Comm port 1	
IP address:	
Remote settings     IP address:       Location Code:     001       Subnetmask:	
Location Place: Place01 Gateway: Use DHCP:	
Start         Stop         DHCP IP:           Sunday:         07:00         22:00           Monday:         07:00         22:00           Tuesday:         07:00         22:00           Wednesday:         07:00         22:00           Thursday:         07:00         22:00           Friday:         07:00         22:00           Friday:         07:00         22:00           Saterday:         07:00         22:00           PTM file copy to:         PTM file copy to:           PTM file copy to:         PTM file copy to:	
Get from logger General settings Highway 1 Highway 2	art Download
Date/Time logger: Set Date/Time Save	Close

Select the tab " Configuration", the following screen will appear:

Edit the required information and set the opening and closing times for the counting period required.

If the LAN connection is used for uploading of the data file, set the required details. The DHCP IP, MAC address, Host name and serial number are obtained from the logger after selecting "General settings" in the "Get from logger" section and to start the upload.

The "PTM file copy to" can be added to save extra files in the Multi-Logger if more than one user is uploading files. Normally the files are deleted after upload to avoid double uploads.

The file with the extension \*.PTM is generated at all times. Also a \*.bak file is default generated. This \*.bak file can not be deleted and is for back-up use only.

Files are generated in the format MMDD.\*\*\* without the year component. All files, including the \*.bak files, will be overwritten after one year.

After completion of all general set-up, select the tab "General"

For each highway (1 and 2) a total of 63 highway boards can be configured.

Select the correct tab (highway 1 or highway 2) and double click on the selected channel number.

👂 Unit configu	ıration				
Highway: Highway Type:	1 ID: 1	Unit Code: Old version CN	New version		
Name	From	To	Correction 100 %	Width (mtr)	(0 = not in use!) File Col. position
Name	From	To	Correction 100 % 100 %	Width (mtr)	(0 = not in use!) File Col. position
L				Save	Close

Default each highway channel is set to "Not in use"

To activate a channel select the type of highway card in use for that channel. The options are "Old version" and "New version".

Manual Multi-Logger set-up 1.0x

## Explanation of card type

"Old version"

The previous version of highway cards, installed since the early '90, uses a dip switch setting for the highway address. The card would only accept one bi-directional sensor set or 2 omni sensor sets. The card is referred to as A50063 and will no longer be supplied for new installations. This card type must be selected if a previous PC based data logger is replaced by the new version Multi-Logger System 7.

#### "New Version"

The new version card will have an identifier code to indicate its position on the highway. The identifier code is normally a a hex code XXXX YYYY 0000.

The new version will accept 2 bi-directional sensor sets or 4 omni sets.

## Card set-up

If the old version is selected, the software will use the ID code as mentioned on top. For the new version the identifier code needs to be edited.

Sample of old version:

(only one set can be
configured)

🔑 Unit configur	ation					
Highway:	1 ID:	1 Unit	Code:			
Highway Type:	O Not in Use	Old version	C New version			
Set 1						0 = not in use!)
Name MainEntrance	From	To	Corre 100	ection Wid	ith (mtr)	File Col. position
	in	out	100	% 6	-	1
Set 2						0 – not in usel)
Name	From	To	Corre 100	ection Wid	dth (mtr) F	ile Col. position
			100	8 6	<b>–</b>	0 🗸
					Save	Close

Sample of new version:

(2 sets can be configured)

Highway:	1	ID: 1	Unit Code:	6DFE DE1	1 0000	
Highway Type: C Not in Use C Old version  • New version Set 1						
Name MainEntrance		From out	To jin	Correction 2	Width (mtr)	(0 = not in use!) File Col. position
-Set 2						(0 = not in use!)
Name BackEntrance		From out in	To in out	100 %	6 6	
					Save	Close

After setting each highway card, the total overview is shown on the screen as below.

cation:	Test	ocation	- New		Co	nnection	hune: Direc	t connect	comport: 1			
Highwa	ay1   F	Highway 2					ope.   <mark>e</mark> #ee					
Addr	Active	Location	Addres Code	Col 1	Col 2	Col 3	Col 4	In 1	Out 1	In 2	Out 2	^
00	Yes	Mainentrance\Backnet	6DE3-DE11-0000	1	2	3	4					
01	Yes	Elevator	6DE4-DE11-0000	5	6							
02	Yes	Parking	6DE5-DE11-0000	7	8							
03	No					1		į.	2			
04	No											
05	No											
06	No											
0/	No											
08	NO											
10	NO No											
10	NO.											
12	No											
12	No											
14	No											
15	No											
16	No											
17	No											
18	No											
19	No											
20	No											
21	No											
22	No											
23	No											
24	No											
25	No											
26	No											
27	No											~
28	No											6.5

Please note the following:

The IN direction (out>in = A>B) Should be the first setting. Do set the entrance width In view of correction algorithm.

The file Col. Position indicates where the data will appear in the DF file.

🔑 Unit configu	ıration				X
Highway:	1 ID: 2	Unit Code:	6DE4 DE11	0000	
Highway Type:	C Not in Use C (	Old version 🛛 📀 Ne	w version		
Name Elevator	From	To	Correction	Width (mtr)	( <mark>0 = not in use!)</mark> File Col. position 5   ▼
	ļin	out	100 %	2 💌	6 💌
- Set 2					(0 = not in use!)
Name	From	To	Correction	Width (mtr) 6	File Col. position
			100 %	6 💌	0 💌
				Save	Close

For new cards one or two sensor sets can be configured. Depending the cabling options, it can be more economic to use a card per sensor set.

After completion of all entries required select "upload configuration" in the configuration menu tab.

Select all boxes for : General settings, Highway 1 and 2

🕷 Upload configuratie	
General settings	
	📽 Upload configuratie
- Highway settings 	General settings
	Highway settings ✓ Highway 1:
	V Highway 2:

The full configuration is uploaded to the Multi-logger.

## Test mode

ation:	Test	ocation	▼ New		Co	nnection	type: Direc	ct connect,	comport: 1			
Highwa	ay1   H	Highway 2	Addres Cada	Call	C-12	042	Calif	le 1	0.41	1.0	0.42	
Addr	Active	Location Declarate	CDE2 DE11 0000	1	2	2	4	Ini	UUCI	In Z	Uutz	
JU 01	Vea	Flouster	6DE3-DE11-0000	E	2 C	3	4					
01	Vee	Deduine	6DE4-DE11-0000	7	0							
02	No	Faiking	6DE3-DE11-0000		0							
0.0	No											
05	No											
06	No											
07	No											
08	No											
09	No											
10	No											
11	No											
12	No											
13	No											
14	No											
15	No											
16	No											
17	No											
18	No											
19	No											
20	No											
21	No											
22	No											
23	No											
24	No											
25	No											
26	No											
27	No											
28	No											

If the Multi-Logger is completely installed and all sensors are operating, the above screen can be used to test the system.

Press the "Refresh" button to receive the counts per channel for each sensor. Please note that the counts are updated once every minute. For each column configured, counts should appear in the In1, Out1, In2 and Out2 columns if configured.

For an existing Multi-Logger the installed configuration can be downloaded using the "Get from Logger" section in the Configuration menu.

Connect a laptop / PC via a null modem cable to the Multi-Logger RS232 port and select the items "General settings", "Highway 1" and "Highway 2" for download of the existing configuration. Modify any setting and use the "upload" function to change the settings of the Multi-Logger.

🔑 Configuration									
-Local connect set	ettings								
Conn. type: IP address:	Com port     Comm port:     1       Port number:								
Remote settings Location Code: Location Name: Location Place: Sunday: Monday: Tuesday: Wednesday: Thursday: Friday: Saterday:	001       IP address:         Location01       Gateway:         Place01       Use DHCP:         Start       Stop         07:00       22:00         07:00       22:00         07:00       22:00         MAC address:       Image: Comparison of the standing:         07:00       22:00         MAC address:       Image: Comparison of the standing:         07:00       22:00         Most name:       Image: Comparison of the standing:         07:00       22:00       PTM file copy to:         07:00       22:00       PTM file copy to:         07:00       22:00       PTM file copy to:         PTM file copy to:       Image: Comparison of the standing:         07:00       22:00       PTM file copy to:         PTM file copy to:       Image: Comparison of the standing:         PTM file copy to:       Image: Comparison of the standing:         PTM file copy to:       Image: Comparison of the standing:         PTM file copy to:       Image: Comparison of the standing:         PTM file copy to:       Image: Comparison of the standing:         PTM file copy to:       Image: Comparison of the standing:         PTM file copy to:       Image: Comparison of the standing:								
Get from logger General settir Highway 1 Highway 2	ings Start Download								
	Date/Time logger:Set Date/TimeSaveClose								