

G.M AFCON Security Technologies Limited Partnership PO Box 2327, Kfar Sava Industrial Area 44425, Israel Tel +972-9-7662965 Fax + 972-9-7662964 *E-mail: info@gmsecurity.com Website: www.gmsecurity.com*

LineCOMM SETUP – FREQUENTLY ASKED QUESTIONS

The following set-up procedure should be followed to ensure that the communication between the V-Alert Processor Cards, LineCOMM Communication System and SecurCOMM Software is operating correctly.

We have explained the settings required for the installation of one cabinet in the following configuration, and the same procedure should be followed for all of the cabinets in installations with more than one cabinet. The explanation below assumes that the installer is familiar with the V-Alert Settings Manager, LineCOMM Settings Manager and SecurCOMM Software.



USING THE V-ALERT SETTINGS MANAGER

If the V-Alert Cabinet is connected to 2 V-Alert Sensor Lines, then set the Zone Number using the CARD SETTINGS WINDOW as follows:

Card Settings	S	ensor Line 1	×
Card Settings Enter Password		07/12/2014 09:57:24	
Sensor Line 2		Sensor Line 1	
Relay 6- From Sensor 1 To Sensor Relay 7- From Sensor 17 To Sensor	17 💌	Relay 1- From Sensor 1 To Sensor 3 Relay 2- From Sensor 4 To Sensor 7	
Relay 8- From Sensor 17 To Sensor	17 🚔	Relay 3- From Sensor 8 To Sensor 14	=
Relay 9- From Sensor 17 To Sensor	17	Relay 4- From Sensor 14 To Sensor 14	
Relay 10- Normally ON Sensor Line 2 Cut Relay 5- Normally ON Sensor Line 1 Cut			
Zone Number: 002		Zone Number: 001	
	Relay Latched Time	e: 20 🐳	=1
Group Number		Group Number	1
Sensitivity Level 3		Sensitivity Level 1	_
Installed On Chain Link Fence		Installed On Wall	_
Time Period Alerts To Alarm Power Span	n X Span Y	Time Period Alerts To Alarm Power Span X Span	Y
1 15 2 11 30	21		
2 15 2 20 35	27	2 15 1 15 43 42	
3 15 2 30 40	35	3 15 2 20 53 48	
4 15 3 40 45	41	4 15 2 25 62 57	
5 15 4 50 50	51	5 15 2 30 73 63	
Status: Disconnected User Mode			

The ZONE NUMBER SETTING for Sensor Line 1 and Sensor Line 2 does not have to be consequitive numbers, it could be for example Sensor Line 1 – Zone 1 and Sensor Line 2 – Zone 20 or any other zone number for that particular project.

USING THE LINECOMM SETTINGS MANAGER

If the V-Alert Cabinet is connected to 2 V-Alert Sensor Lines and we have set the Zone Number using the V-Alert Settings Manager to Zone 1 and 2 for Sensor Lines 1 and 2 as explained above, then it is essential that the SAME zone numbers are entered in the LineCOMM Settings Manager.



Please note that the INPUT NUMBER 10 should be NORMALLY CLOSED in cabinets using a TAMPER.

THE SAME ZONE NUMBERING PROCEDURE SHOULD BE FOLLOWED FOR ALL THE CABINETS OPERATING IN THE PROJECT – THE ZONE NUMBERS SET IN THE V-ALERT AND LINECOMM SETTINGS MANAGERS MUST MATCH FOR EACH CABINET INSTALLED.

Use the WRITE TO TX button to save the settings. The DIPSWITCH on the LineCOMM TX PCB must be set according to the TX Number Dipswitch settings that will appear after completing the WRITE TO TX procedure.



In this example the TX card is TX NUMBER 1.

IT IS ESSENTIAL THAT ANY PROJECT IS SET WITH A CABINET NUMBERED "1" followed by consequitive cabinet numbers.

ALTERNATIVELY set the DIPSWITCH of the TX can be set using the DIPSWITCH TABLE below.

PLEASE NOTE:

IN ORDER FOR THE SETTINGS AND DISPWITCH NUMBER TO BE ACTIVATED THE LINECOMM TX PCB SHOULD BE POWERED OFF AND THEN ON AGAIN

IN ORDER TO OPEN A NEW FILE FOR A DIFFERENT CABINET PLEASE CLOSE AND THEN RE-OPEN THE LINECOMM SETTINGS MANAGER.

LINECOMM RX DIPSWITCH

Set the LineCOMM Receiver (RX) dipswitch number to the number of cabinets that are connected to the LineCOMM RX in that particular project.

Please see the DIPSWITCH SETTINGS TABLE BELOW which show the DIPSWITCH settings for the LINECOMM system – which are different to conventional dipswitch settings.

USING THE SECURCOMM SOFTWARE

Make sure that the BAUD rate is set at 115200 and the DualCOMM check box is marked YES.

Port*	Unit Name	DualComm	Baud Rate	Protocol	🔚 🔚 Add Row
3	Default 🧹	Yes	115200	M Default	
		L NO			Delete Rov
		No			
To sele Com Po	ct the Comport dou ort - Out	ble click on the ce	Il in the "Port" co	olumn or enter the port i	F dit Protoc



DIPSWITCH SETTINGS FOR LineCOMM COMMUNICATION SYSTEM

PROJECT CABINET PLANNING TABLE

	NUMBER	LINE 1	LINE 2	ТΧ	LINE 1	LINE 2
CABINET	OF	SENSOR	SENSOR	NUMBER	ZONE	ZONE
NUMBER	PROCESSOR	NUMBERS	NUMBERS		NUMBER	NUMBER
	CARD					
1	1-50	1-50	1-50	1	01	02
2	1-17	1-17	1-50	2	03	04
3	1-50	1-50	1-50	3	05	20
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						

SECURCOMM TX-ZONE-SENSOR SET-UP

ΤХ		1

ZONE 01

SENSOR 001