

GSM I/O and Alarms Modem

Very easy to configure

Wide power input range

User Manual

for Website information:

for Price information:

Revision 1.100

English

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User Manual GSM I/O and Alarms Modem

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User Manual

ADF web

Industrial Electronic Devices

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UPDATED DOCUMENTATION:

Dear customer, we thank you for your attention and we remind you that you need to check that the following document is:

- Updated
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REVISION LIST:

Revision	Date	Author	Chapter	Description
0.900	26/05/2011	FI	All	First Release
1.000	03/09/2012	FI	All	Software changed (v1.008)
1.001	08/02/2013	Nt	All	Added new chapters
1.100	15/06/2017	Ff	All	New hardware version

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SECURITY ALERT:

GENERAL INFORMATION

To ensure safe operation, the device must be operated according to the instructions in the manual. When using the device, legal and safety regulation are required for each individual application. The same applies also when using accessories.

INTENDED USE

Machines and systems must be designed so the faulty conditions do not lead to a dangerous situation for the operator (i.e. independent limit switches, mechanical interlocks, etc.).

QUALIFIED PERSONNEL

The device can be used only by qualified personnel, strictly in accordance with the specifications. Qualified personnel are persons who are familiar with the installation, assembly, commissioning and operation of this equipment and who have appropriate qualifications for their job.

RESIDUAL RISKS

The device is state-of-the-art and is safe. The instruments can represent a potential hazard if they are inappropriately installed and operated by untrained personnel. These instructions refer to residual risks with the following symbol:



This symbol indicates that non-observance of the safety instructions is a danger for people that could lead to serious injury or death and / or the possibility of damage.

CE CONFORMITY

The declaration is made by our company. You can send an email to <u>support@adfweb.com</u> or give us a call if you need it.

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EXAMPLE OF CONNECTION:



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CONNECTION SCHEME:







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CHARACTERISTICS:

The GSM I/O and Alarms Modem is a powerful, flexible and economic instrument which is used to control Digital and Analog I/O by SMS or Phone Call.

It allows the following characteristics:

- 2 Digital Output (standard version);
- 2 Digital Input (standard version);
- 1 Analog Input (standard version);
- SMS alert for state's changing of the Digital/Analog Input;
- Setting Output via SMS and/or call;
- Mountable on 35mm Rail DIN;
- Power Supply 8...24V AC or 12...35V DC;
- ✤ Temperature range -20°C / +70°C (-4°F / +158°F).

CONFIGURATION:

You need Compositor SW67302 software on your PC in order to perform the following:

- Define the Digital Input settings;
- Define the Analog Input settings;
- Define the Digital Output settings;
- Set Date and Time;
- Update the device.



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POWER SUPPLY:

The devices can be powered at 8...24V AC and 12...35V DC. The consumption depends to the code of the device. For more details see the two tables below.

vac \sim		VDC		
Vmin Vmax		Vmin	Vmax	
8V	24V	12V	35V	

Consumption at 24V DC:

Device	[W/VA]
HD67302-B2-xx	3.5



Caution: Not reverse the polarity power



HD67302-B2-xx



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FUNCTION MODES:

The device has got two functions mode depending of the position of the 'Dip1 of Dip-Switch A':

- ✤ The first, with `Dip1 of Dip-Switch A' at `OFF" position, is used for the normal working of the device;
- ✤ The second, with `Dip1 of Dip-Switch A' at ``ON" position, is used for uploading the Project and/or Firmware.

For the operations to follow for the updating, see 'UPDATE DEVICE' section.

According to the functioning mode, the LEDs will have specifics functions, see 'LEDS' section.



Marning: Dip2 of `Dip-Switch A' must be at ON position to work even if the Ethernet cable isn't inserted.



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LEDS:

The device has got four LEDs that are used to give information of the functioning status. The various meanings of the LEDs are described in the table below.

LED	Normal Mode	Boot Mode
1: Device state (green)	Blinks slowly (~1Hz)	Blinks quickly: Boot state Blinks very slowly (~0.5Hz): update in progress
2:GSM module comm. (yellow)	Blinks quickly the GSM module is communicating	Blinks quickly: Boot state Blinks very slowly (~0.5Hz): update in progress
3: USB comm. (yellow)	Blinks quickly when USB messages are received	Blinks quickly: Boot state Blinks very slowly (~0.5Hz): update in progress
4: GSM comm. error (yellow)	OFF: GSM connected ON: GSM not connected	Blinks quickly: Boot state Blinks very slowly (~0.5Hz): update in progress





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GSM:

The HD67302 uses a Quad-band GSM/GPRS module and allows to send/receive SMS and phone call.

The Antenna connector is a SMA Female ('Female Outer Shell' and 'Female Receptacle') so the Antenna must have a SMA Male connector.

The SIM type is Micro-Sim.



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DIGITAL INPUTS:

Connector5: Digital Input 1	Connector6: Digital Input 2
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	12 34

Depending on the product code, you can identify what kind of inputs you have:

- HD67302-B2-02: 2 Digital Inputs with driving on Positive wire;
- HD67302-B2-20: 2 Digital Inputs with driving on Negative wire;
- + HD67302-B2-11: 1 Digital Input with driving on Positive wire and 1 Digital Input with driving on Negative wire.

Pin	Description	Port
1	Positive wire	Digital Input 1 (DI1)
2	Negative wire	
3	Positive wire	Digital Input 2 (DI2)
4	Negative wire	Digital Input 2 (DI2)

Warning: Maximum voltage applied: 48V DC

Warning: Minimum voltage applied: 5V DC

Warning: In the case of HD67302-B2-11 Digital Input Port 1 (Connector 5) is Positive wire driving and Digital Input Port 2 (Connector 6) is Negative wire driving



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POSITIVE WIRE CONTROL:

In this case the Input have a fixed signal that is the ground of the signal (Pin 2 / 4) and to the other Pin (1 / 3) there is the positive signal that can be applied or not.



NEGATIVE WIRE CONTROL:

In this case the Input have the fixed signal in the Positive wire (Pin 1 / 3) and the other Pin (2 / 4) is driven, for example, by an Open Collector output.







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DIGITAL OUTPUT:

The Digital Output are clean contact relay NO (normally opened).

Conn Digita Outpu	ector3: t 1	Conno Digita Outpu	ector l t 2	4:
	12	34		

Pin	Description	Port
1	Relay contact	Digital Output 1 (DO1)
2	Relay contact	Digital Output I (DOI)
3	Relay contact	Digital Output 2 (DO2)
4	Relay contact	Digital Output 2 (DO2)



Warning: Maximum current: 250mA.

Warning: Maximum voltage: 48V DC



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ANALOG INPUT:

The Analog Input is 0...10V DC type. The conversion is made by a 10-bit ADC.



Pin	Description	Port
1	Negative wire	Apples Input (AI)
2	Positive wire (max 10V DC)	Analog Input (AI)



Warning: Maximum voltage applied: 10V DC



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USB:

The USB port is used to program the module. It is necessary to use a Micro USB type B cable.





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USE OF COMPOSITOR SW67302:

To configure the Alarm Modem use the available software that runs with Windows called SW67302. It is downloadable on the site <u>www.adfweb.com</u> and its operation is described in this document. (*This manual is referenced to the last version of the software present on our web site*). The software works with MSWindows (XP, Vista, Seven, 8, 10; 32/64bit).

When launching the SW67302, the window below appears (Fig. 2).

Mote:

It is necessary to have installed .Net Framework 4.

ADFweb.com - SW67302		-	\times
ADF Web Example1	2 SMS Alarm Modem		
¥ File			
New Configuration			
Load Configuration			
Save Configuration			
Save As			
× Alarm Setting			
Device Setting			
🛓 Input Setting			
Output Setting			
Profiles			
Date Time Setting			
> Update Device			
Update Device			
Software Preferences			
Software Preferences			
() About			

Figure 2: Main window for SW67302



NEW CONFIGURATION:

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SW67302 SMS Alarm Modem Example1 * Fie * New Configuration * New Configuration * Lad Configuration * Save Configuration * Save Configuration * Save Configuration * Save Configuration * Configuration * Save Configuration * Device Setting * Input Setting * Orbuit Device * Undate Device * Software Preferences * Software Preferences * Software Preferences	ADFweb.com - SW67302	– 🗆 X	By pressing the "New Configuration" button it
9 File New Configuration I new Configuration Insert Name of New Configuration I cad Configuration Insert Name of New Configuration I cad Configuration Select Type of Device Select Type of Device Select Type of Device Select Type of Device Select Type of Device I ney Setting Device Setting I ney Setting Insert Setting I ney Setting Device Setting </th <th>ADF Web Example1</th> <th>2 SMS Alarm Modem</th> <th>is possible to create a new project. It is possible to define the name and the device type. Press "OK" to create it.</th>	ADF Web Example1	2 SMS Alarm Modem	is possible to create a new project. It is possible to define the name and the device type. Press " OK " to create it.
Inset Name of New Configuration Inset Name of New Configuration It is possible to save a configuration by pressing the "Save Configuration" button or save it as a new one by pressing "Save as" button. Image: Save As Select Type of Device Select Type of Device Select Type of Device Image: Save As Select Type of Device Select Type of Device Select Type of Device Image: Save As Select Type of Device Select Type of Device Select Type of Device Image: Save As Image: Save As Select Type of Device Select Type of Device Image: Save As Image: Save As Select Type of Device Select Type of Device Image: Save As Image: Save As Select Type of Device Select Type of Device Image: Save As Image: Save As Select Type of Device Select Type of Device Image: Save As Image: Save As Select Type of Device Select Type of Device Image: Save As Image: Save As Select Type of Device Select Type of Device Image: Save As Image: Save As Select Type of Device Select Type of Device Image: Save As Image: Save As Select Type of Device Select Type of Device Image: Save As Image: Save As<	℅ File	New Configuration	
Load Configuration Example2 the "Save Configuration" button or save it as a new one by pressing "Save as" button. Image: Save As Set Exting Image: Setting Image: Setting Image: Setting Image: Setting <t< th=""><th>New Configuration</th><th>Insert Name of New Configuration</th><th>It is possible to save a configuration by pressing</th></t<>	New Configuration	Insert Name of New Configuration	It is possible to save a configuration by pressing
Select Type of Device Save As Save As Save As Varum Setting Input	Load Configuration	Example2	the "Save Configuration" button or save it as a
Save As Save As Save As <	Save Configuration	Select Type of Device Base Device (2DI + 2DO + 1AI)	new one by pressing Save as button.
Value Setting Label Setting Label Setting Imput Setting <tr< th=""><th>Save As</th><th>🔷 ок</th><th></th></tr<>	Save As	🔷 ок	
 Input Setting Input Setting Input Setting Profiles Input Setting Input Setting<th>Device Setting</th><th></th><th></th>	Device Setting		
 ▲ output Setting Profiles A baut 	LINPUT Setting		
 Profiles Profiles Date Time Setting V U-te Device V Jodate Device V Software Preferences Software Preferences About About 	1 Output Setting		
 bate Time Setting Update Device Update Device Software Preferences Software Preferences About About 	Profiles		
 > Update Device > Update Device > Software Preferences > Software Preferences > About About 	Date Time Setting		
Update Device Software Preferences Software Preferences About	¥ Update Device		
Software Preferences Software Preferences About About	Update Device		
Software Preferences Software Preferences About About	Software Preferences		
S About About	Software Preferences		
i About	× About		
	i About		

Figure 3: "New Configuration" window



LOAD CONFIGURATION:

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By pressing the "**Load Configuration**" button it is possible to load an existing project by selecting one of the list that appears.

A device configuration can also be imported or exported:

- To clone the configurations of a GSM I/O and Alarms Modem in order to configure another device in the same manner, it is necessary to maintain the folder and all its contents;
- To clone a project in order to obtain a different version of the project, it is sufficient to duplicate the project folder with another name and open the new folder with the button "Load Configuration".

	Webleon Sworsoz	
AD We	SW67302 Example3	2 SMS Alarm Modem
∦ Fil	e	Load Configuration
+	New Configuration	Select one of available configuration
	Load Configuration	Example2 Example3
-	Save Configuration	
-	Save As	
⇒ Ala	arm Setting	
	Device Setting	
1	Input Setting	
1	Output Setting	
-	Profiles	
Θ	Date Time Setting	
¥ Up	date Device	
	Update Device	
⊗ So	ftware Preferences	
×	Software Preferences	
¥ Ab	out	
i	About	✓ ок

Figure 4: "Load Configuration" window



DEVICE SETTING:



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By pressing the "**Phone Setting**" button, it is possible to select the device type and the general setting for the management of the SIM card.

Under the section "Device Type", it is possible to define the device type and the general Ethernet settings (incoming version).

Under the section "Phone Setting", it is possible to define:

- in the field "Insert the PIN Code" the PIN code of the SIM card;
- if the field "Enable automatic switch in "daylight saving time" and back (Only for Europe)" is checked to enable the automatic time setting described;
- in the field "Max SMS for day" the maximum number of SMS sent by the Alarm Modem.

Figure 5: "Device Setting" window



INPUT SETTING:

DIGITAL SETTING

	DFweb.com - SW67302						—	×
AD We	SW67302 Example1	2 SMS Ala	arm Moder	n				
🗧 🗧 🗧	e	Digital and Analo	g Input					
+	New Configuration	Digital Setting	Analog Setti	ng				\triangleleft
	Load Configuration	Digital Input 1	Digital Input	2				\triangleleft
-	Save Configuration	Digital Input 1	nd follow Events when Digi	tal Input cha	nge from value 0 to value	1		
-	Save As		a time major of	100	Milliseconds			
× Al	arm Setting	Event	SMS / E-Mail Messag	2	Number / Address	Description		
	Device Setting	Send SMS	DI1 ON		+390123456789	Alarm ON		
1	Input Setting							
٤	Output Setting	📫 Add Ro	w 🗙 De	lete Row	K Clear Ta	ble		
-	Profiles	····→ Sei	nd follow Events when Digi	tal Input cha	nge from value 1 to value	0		
Θ	Date Time Setting	For	a time major of	500	Milliseconds			
⊗ Up	odate Device	Event	SMS / E-Mail Messag	2	Number / Address	Description		
	Update Device	Send SMS	DI1 OFF		+390123456789	Alarm OFF		
⇒ So	oftware Preferences							
×	Software Preferences							
× Ab	oout							
	About	📥 Add Ro	w 🗙 De	lete Row	🤾 Clear Ta	ble		

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The Alarm Modem has two Digital Input. For both of them it is possible to define the alert by SMS.

There are two possibilities:

 Sending a SMS when the Input changing from 0 to 1 by checking the field "Send follow SMS when Digital Input change from value 0 to value 1";



Sending a SMS when the Input changing from 1 to 0 by checking the field "Send follow SMS when Digital Input change from value 1 to value 0".



For both cases, there is the possibility to insert different phone numbers and different SMS texts. The SMS will be sent only when the Input is set to the other state for at least the time inserted in the field **"For a time major of Milliseconds"**.

Figure 6: "Input Setting → Digital Setting"



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ANALOG SETTING

File	Digital and Analo	og Input			
New Configuration	Digital Setting	Analog Setting			
Load Configuration	Analog Input 1	7			
	Analog Input 1				
Save Configuration	KTICHC S	end follow Events when Analog Inp	it is Higher than 5	Volt Hysteresis 6,5	Vo
Save As		or a time major of 100	0 Milliseconds		
larm Setting	Event	SMS / E-Mail Message	Number / Address	Description	
Device Setting		AT OP	1550125450705	reap. righ	
Input Setting					
Input Setting Output Setting	📥 Add R	ow 🔀 Delete Ro	w 🤻 Clear	Table	
Input Setting Output Setting Profiles		ow X Delete Ro	w Clear	Table Volt Hysteresis 6,5	Ve
Input Setting Output Setting Profiles Date Time Setting		ow Delete Ro end follow Events when Analog Inp or a time major of 10	w Clear it is Lower than 2 Milliseconds	Volt Hysteresis 6,5	Vo
Input Setting Output Setting Profiles Date Time Setting pdate Device	Add R	ow Delete Ro end follow Events when Analog Inp or a time major of 100 SMS / E-Mail Message	w Clear it is Lower than 2 Milliseconds Number / Address	Volt Hysteresis 6,5 Description	Vo
Input Setting Output Setting Profiles Date Time Setting pdate Device Update Device	Add R Add R Send SMS	ow Delete Ro end follow Events when Analog Inp or a time major of 10 SHS / E-Mail Message AI down	w Clear t is Lower than 2 Milliseconds Number / Address +390123456789	Volt Hysteresis 6,5 Description Temp. Low	Vo
Input Setting Output Setting Profiles Date Time Setting pdate Device Update Device oftware Preferences	Event Send SMS	ow Delete Ro and follow Events when Analog Inp or a time major of 10 SMS / E-Mail Message AI down	w Clear it is Lower than 2 Milliseconds Number / Address +390123456789	Volt Hysteresis 6,5 Description Temp. Low	Ve

Figure 7: "Input Setting → Analog Setting" window

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The Alarm Modem has an Analog Input. It is possible to define the alert by SMS.

There are two possibilities:





For both cases there is the possibility to insert different phone numbers, different SMS texts and the hysteresis of the signal. The SMS will be sent only when the Input is above or below for at least the time inserted in the field "For a time major of Milliseconds".



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OUTPUT SETTING:

The device has two Digital Output. For both of them it is possible to define the modality of setting (SMS or phone call).

<u>Sms</u>						
ADFweb.com - SW67302					– 🗆 X	By pressing the field "SMS" it is possible to
ADF Web SW6730 Example1	2 SMS Alarm	Mode	m			enable the function of change the state of output using a SMS.
⊁ File	Digital Output					There are three possibilities:
New Configuration	Digital Setting					
	Digital Output 1	Digital Outp	ut 2			SET output by SMS", used for closing
	SMS	CALL	1			the relay contact;
Save Configuration	SMS - Digital Output 1	C				*
Save As	Modify Output by SMS					L
× Alarm Setting			Turn On DO1			
Device Setting	"L. I RESET output by SMS		Turn Off DO1			RESET output by SMS", used for
Device Setting	카. 🗹 Impulse output by SM	S	Impulse DO1	10		opening the relay contact;
Linput Setting	Pulse duration		100 Millisecon	nds		· · · · · · · · · · · · · · · · · · ·
1 Output Setting	Enable on Phone Number					L
	Enable on Password		100			
Profiles					4 10	"IMPULSE Output by SMS", used
Date Time Setting	Send back an echo SMS					for sending a pulse with a defined
∀ Update Device	Further was an about about a					duration. The duration of the impulse is defined
Update Device	Phone Number	Profile	Description			with the field "Pulse duration
Software Preferences	+391112233444	No Profile	Mr. White			Milliseconds". The maximum value that the
	+391112233446	Weekly 1	Mr. Pink			impulse can have is 60000ms.
Software Preferences						<u>عΩد</u>
* About						
About	Add Down		alata Daw	Class Table		
	Add Row	X V	arete Row	clear rable		



For all cases there is the possibility to insert, in the field on right, the text of the SMS used to trigger the event.



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If the field **"Enabled on Phone Number**" is checked, only the phone number written in the table is able to do the operation to the Digital Output; otherwise all numbers that send the defined SMS are able to do the operation. If the field **"Enabled on Password**" is checked, the SMS sent must contain the password written in the field near the command.

It is possible to write also other words in the SMS, it is just necessary that the SMS text contains exactly the text defined in the compositor.



The Password can have a maximum length of 16 characters. All characters are accepted.

If the field "Send back an echo SMS" is checked, the device sends back to the sender the same SMS if the event is successful done.

In the table "Enabled users control phone number" it is possible to insert the various 'Phone Numbers' and for each Number give a 'Profile'. The possible 'Profile' are:

- 0: Always enabled;
- ✤ 1: Weekly 1;
- 2: Weekly 2;
- 3: Weekly 3;
- ✤ 4: Daily 1;
- ✤ 5: Daily 2;
- ✤ 6: Daily 3.



<u>Call</u>

HE AL	0Fweb.com - SW67302						×
AD We	SW6730 Example1	2 SMS Alarm	Modem				
℅ Fil	e	Digital Output					
-	New Configuration	Digital Setting	\				$\triangleleft \triangleright$
-	Load Configuration	Digital Output 1	Digital Output 2				$\triangleleft \triangleright$
		SMS	CALL	1			\triangleleft
	Save Configuration	CALL - Digital Output 1					
-	Save As	Modify Output by CALL					
× Ali	arm Setting	Ring Number	3 Han	g Up Rings	7		
	Device Setting	Automatic Hang Up After Ha	ang Up Rings Number				
1	Input Setting		Pulse di	uration 100) Milliseconds		
1	Output Setting	Under Ring Number 					
	Profiles		Pulse du	uration 100) Milliseconds		
Θ	Date Time Setting	Above Ring Number	- 12 - 17				
⊗ Up	odate Device		Pulse du	uration 100) Milliseconds		
0000	Update Device	Phone Number	Profile	Description			
	ftware Preferences	+390123456789	No Profile	Mr. Pippo			
×	Software Preferences						
≽ Ab	out						
0	About	Add Row	🔰 💥 Delete	Row	🤾 Clear Table		

Figure 9: "Output Setting → SMS" window

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By pressing the field "CALL" it is possible to enable the function of change the state of output using a phone call.

There are three types of operations:

- "Automatic hang Up after Hang Up Risings Number", used to hang up after the numbers of rings expressed in the field "Hang Up Rings";
- "Under Ring Number", used to trigger an event if the number of rings is under the value expressed in the field "Ring Number";
- "Above Ring Number", used to trigger an event if the number of rings is above the value expressed in the field "Ring Number".



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For all operations, there are the three possibilities:

"Set output", used for closing the relay contact;





"Impulse output", used for making an impulse with a defined duration. The duration of the impulse is defined with the field "Pulse duration Milliseconds".

..⊁€..

In the table it is possible to insert the various 'Phone Numbers' and for each Number give a 'Profile'. The possible 'Profile' are the same described in the subsection 'SMS' of section 'Output Setting'.



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PROFILES:

By pressing the "**Prfoiles**" button it is possible to set the Profiles inside the Alarm Modem. The Profiles are used to define which phone numbers can control the Digital Outputs in which day/time.

WEEKLY

ADFweb.com - SW67302						-		There is the possibility to define up to three Weekly, Profile, "Weekly, 1", "Weekly, 2"
ADF Web Example1	2 SMS /	Alarm Mode	m					"Weekly 3".
× File	Profiles							For enabling the Profile, the field "Enable Profile
New Configuration	Weekly 1	Weekly 2	Weekly 3	Daily			$\triangleleft \triangleright$	Weekly X" must be checked.
Load Configuration	🗹 Enable Profil	le Weekly						For each day, there are 40 times also of 20 minutes
Save Configuration		00.00 03.00 12.00 15.00	06.00 09 18.00 21	9.00 11.30 L.00 23.30				each
Envo As	Monday				Select All	Clear All		
× Alarm Setting	Tuesday				Select All	Clear All		In order to use one of Weekly Profiles, it is
Device Setting	Wednesday				Select All	Clear All		necessary to select them in the "Output Setting \rightarrow SMS" or "Output Setting \rightarrow CALL"
🛓 Input Setting	Thursday				Select All	Clear All		sections.
1 Output Setting	Friday				Select All	Clear All		
Profiles	Saturday				Select All	Clear All		
Date Time Setting	Sunday				Select All	Clear All		
¥ Update Device								
Update Device								
Software Preferences								
Software Preferences								
× About								
1 About								

Figure 10: "Profiles → Weekly" window



DAILY

	DFweb.com - SW67302		—	×
AD We	SW6730 Example1	2 SMS Alarm Modem		
🗧 🗧 🗧	e	Profiles		
+	New Configuration	Weekly 1 Weekly 2 Weekly 3 Daily		\triangleleft
	Load Configuration			
-	Save Configuration	12.00 15.00 18.00 21.00 23.30		
-	Save As			
⇒ Ali	arm Setting	Enable Profile Daily 2		
	Device Setting	00.00 03.00 06.00 09.00 11.30 12.00 15.00 18.00 21.00 23.30		
1	Input Setting	Select All Clear All		
1	Output Setting	Enable Profile Daily 3		
•	Profiles	00.00 03.00 06.00 09.00 11.30 12.00 15.00 18.00 21.00 23.30		
0	Date Time Setting	Select All Clear All		
⇒ Up	odate Device			
	Update Device			
∛ So	oftware Preferences			
×	Software Preferences			
⇒ Ab	oout			
i	About			

Figure 11: "Profiles → Daily" window

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There is the possibility to define up to three Daily Profile "**Daily**".

For enabling the Profile, the field **"Enable Profile Daily X**" must be checked.

For each day there are 48 time slot of 30 minutes each.

In order to use one of Weekly Profiles, it is necessary to select them in the "Output Setting \rightarrow SMS" or "Output Setting \rightarrow CALL" sections.



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DATE & TIME SETTING:

By pressing the "**Date Time Setting**" button it is possible to change the Date & Time of the device.

DATE & TIME

		In this section it is possible to change the Date &
ADFweb.com - SW67302	– — X	Time of the device
ADE SW6730	2 SMS Alarm Modem	Time of the device.
Web Example1		There are two possibilities:
× File	Date Time Setting	Insert an own Date & Time, by compiling
New Configuration	IP Address	the fields "hh", "mm", "ss", "dd", "mm",
Load Configuration	USB v	"yy"; and then pressing the button "Set
	COM Port	Custom Date & Time";
Save Configuration		Insert the PC date & Time, by pressing the
Save As	Set Date & Time	button "Set PC Date & Time".
× Alarm Setting	Set Date Time	
Device Setting	14 .26 .46 19 / 7 / 2017 Update Date Time	It is possible also read the Date & Time of the
Input Setting	V Set Date Time	device and also the Firmware Version by pressing
		the "Read Status Device" button.
Output Setting	Status Device	For doing these operations it is performed to
Profiles	V Read Status Device	connect the device through the USB to the PC
Date Time Setting	Date Time :	and select the COM nort
V Update Device	Firmware Version :	
Update Device		A
Software Preferences		The device must be at Normal Mode.
Software Preferences		
× About		For the year (yy) only the last two digits must be incorted
1 About		must be inserted.

Figure 12: "Date Time Setting → Date Time" window

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UPDATE DEVICE:

By pressing the "Update Device" button it is possible to load the created Configuration into the device; and also the Firmware, if it is necessary.

÷

℅ Update

ADE

In order to load the parameters or update the firmware in the device, follow these instructions:

- ✤ Connect the USB cable from your PC to the Converter;
- Select the "COM port";
- Select which operations you want to do. 핟.
- Press the "Update Device" button to start the upload;
- ✤ When all the operations are "OK", disconnect the USB cable.

At this point the configuration/firmware on the device is correctly update.

WE AD	Fweb.com - SW67302			-		×
AD	SW6730	2 SMS Alarm Mod	lem			
WE	Example1					
∦ Fil	e	Update Device				
•	New Configuration	Type Update				
	Load Configuration	USB 🗸				
-	Save Configuration					
-	Save As	Update Device				
≽ Ala	arm Setting	Firmware				
	Device Setting	Configuration V Update Device				
1	Input Setting					
1	Output Setting					
"	Profiles					
()	Date Time Setting					
¥ Up	date Device					
	Update Device					
¥ So	ftware Preferences					
×	Software Preferences					
≽ Ab	out					
()	About					
			USB Update			X
			INIT : Waiting		Ver. 1.	200
			FIRMWARE : Waiting			
			PROJECT : Waiting			



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Note:

When you install a new version of the software it is better if the first time you do the update of the Firmware in the HD67302 device.

Note:

When you receive the device, for the first time, you have to update also the Firmware in the HD67302 device.

Warning:

If the Fig. 14 appears when you try to do the Update before require assistance try these points:

- Check if the serial COM port selected is the correct one;
- Check if the USB cable is connected between the PC and the device;
- Try to repeat the operations for the updating;
- Try with another PC;
- Try to restart the PC;
- If you are using the program inside a Virtual Machine, try to use in the main Operating System;
- If you are using Windows Seven or Vista or 8 or 10, make sure that you have the administrator privileges;
- Pay attention to Firewall lock.

USB Update	×
INIT : PROTECTION	Ver. 1.200
FIRMWARE : PROTECTION	
PROJECT : PROTECTION	

Figure 14: "Protection" window



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SOFTWARE PREFERENCES:

By pressing the **"Software preferences**" button it is possible to define the preferences of the software.

WE A	DFweb.com - SW67302		-		\times			
ADF Web SW67302 SMS Alarm Modem Example1								
⇒ Fi	ile	Software Preferences						
+	New Configuration	Select Language						
	Load Configuration	English						
	Save Configuration							
► A	Save As larm Setting	O Deutsch						
	Device Setting							
	Input Setting							
	Profiles							
Ø	Date Time Setting							
⇒ U	pdate Device							
	Update Device							
* S	oftware Preferences							
×	Software Preferences							
♦ A	bout							
1	About							

Figure 15: "Software preferences" window



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MECHANICAL DIMENSIONS:



Housing: PVC Weight: 200g (Approx)

Figure 16: Mechanical dimensions scheme for HD67302-B2-xx



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ORDERING INFORMATIONS:

The ordering part number is formed by a valid combination of the following:



Order Code:	HD67302-B2-02	-	GSM I/O and Alarms Modem with two Digital Input with Positive wire control
Order Code:	HD67302-B2-20	-	GSM I/O and Alarms Modem with two Digital Input with Negative wire control
Order Code:	HD67302-B2-11	-	GSM I/O and Alarms Modem with one Digital Input with Positive wire control and one Digital Input with Negative wire control



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All technical content within this document can be modified without notice. The content of the document is a under continual renewal. For losses due to fire, earthquake, third party access or other accidents, or intentional or accidental abuse, misuse, or use under abnormal conditions repairs are charged to the user. ADFweb.com S.r.I. will not be liable for accidental loss of use or inability to use this product, such as loss of business income. ADFweb.com S.r.I. shall not be liable for consequences of improper use.

OTHER REGULATIONS AND STANDARDS:

WEEE INFORMATION

Disposal of old electrical and electronic equipment (as in the European Union and other European countries with separate collection systems).

This symbol on the product or on its packaging indicates that this product may not be treated as household rubbish. Instead, it should be taken to an applicable collection point for the recycling of electrical and electronic equipment. If the product is disposed correctly, you will help prevent potential negative environmental factors and impact of human health, which could otherwise be caused by inappropriate disposal. The recycling of materials will help to conserve natural resources. For more information about recycling this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

RESTRICTION OF HAZARDOUS SUBSTANCES DIRECTIVE

The device respects the 2002/95/EC Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (commonly referred to as Restriction of Hazardous Substances Directive or RoHS).

CE MARKING

C The product conforms with the essential requirements of the applicable EC directives.



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WARRANTIES AND TECHNICAL SUPPORT:

For fast and easy technical support for your ADFweb.com SRL products, consult our internet support at <u>www.adfweb.com</u>. Otherwise contact us at the address support@adfweb.com

RETURN POLICY:

If while using your product you have any problem and you wish to exchange or repair it, please do the following:

- Obtain a Product Return Number (PRN) from our internet support at <u>www.adfweb.com</u>. Together with the request, you need to provide detailed information about the problem.
- Send the product to the address provided with the PRN, having prepaid the shipping costs (shipment costs billed to us will not be accepted).

If the product is within the warranty of twelve months, it will be repaired or exchanged and returned within three weeks. If the product is no longer under warranty, you will receive a repair estimate.

