

THANK YOU FOR CHOOSING IDS TO PROTECT YOU

Thank you for purchasing an IDS X-SMS V2 module. IDS X-SMS V2 offers powerful, versatile and highly configurable reporting and control capabilities, which will keep you, informed and in control of your X-Series alarm system when away from your premises.

NOTE: The X-SMS V2 module works only with IDS X-Series panels above a certain version. Your X-Series alarm panel is a sophisticated professional-grade intrusion product designed to protect lives and property, and can only be installed and maintained by a professional IDS-certified installer. The Installer Manual included in this box does not cover all aspects of installation; these are available only to installers via our sales offices.

NOTE: Please read the entire Quick User Guide before attempting to use the X-SMS V2 device!

NOTE: Throughout this manual, the default user code 1234 is used. Commands will only be accepted by the alarm panel if preceded by a valid user code, programmed into the alarm panel by your installer.

FEATURES OF THE IDS X-SMS V2 DEVICE

- Take full remote control of your X-Series alarm panel
 - Arm / disarm
 - Bypass / un-bypass zones
 - Home automation via PGM's
- Keep in touch with your premises
 - Receive customised reports on panel status and events
 - Check current panel status
 - Check recent activity by retrieving event logs
- Enhance the functionality of your X-Series alarm panel:
 - Using names in reporting and commands
 - Update your panel's time and date via the mobile network
- Manage your X-SMS V2 device remotely
 - Lock X-SMS V2 in event of lost phone
 - Check and top up SIM airtime balance
 - Add, manage and remove X-SMS V2 users

COMMAND FORMAT

Commands are not case sensitive and all follow the same format:

[code] space [command] space [extended command] space [data]

Code – Valid alarm user code stored in the alarm panel

Command – A string that identifies the function that you are wanting to access in the alarm panel.

Extended Command – Any supplementary information the function requires. (Not always required will depend on the function being used.)

Data - Any extra information the extended command requires.

NOTE: The cell networks limit the number of characters to 160.

Arm / Disarm

The X-Series panel's 8 partitions may be armed in multiple profiles. Arming requires a valid user code. These are programmed by your installer.

Valid command examples:

Desired action	Code	Command	Ext. Cmd	Data
Away arm all partitions	1234	Arm		All
Away arm P1 & P3	1234	Arm		P1, P3
Stay arm P2 in stay profile 3	1234	Arm	S3	P2
Stay arm P1 & P4 in stay profile 1	1234	Arm	S1	P1, P4
Disarm all partitions	1234	Disarm		All
Disarm P2	1234	Disarm		P2
Disarm P5 & P6	1234	Arm		P5, P6

NOTE: Stay profiles can be changed by sending a new stay arm command if armed in stay mode already. Away armed partitions must be disarmed before being stay armed.

Bypass / un-bypass zones

The "Bypass" command will be sent by you to bypass specific zones, and *vice versa* for "unbypass". You must specify which zones to bypass in the data field. Zones may be referred to by their number or, where applicable, by their name.

Valid command examples:

Desired Action	Code	Command	Ext. Cmd	Data
Bypass zone 1	1234	Bypass		1
Bypass zone 3,4,8,10	1234	Bypass		3,4,8,10
Bypass named zone "Passage"	1234	Bypass		Passage
Bypass named zone "Lounge" & "Kitchen"	1234	Bypass		Lounge, Kitchen
Unbypass Zone 5	1234	Unbypass		5
Unbypass "Kitchen"	1234	Unbypass		Kitchen

Home automation via PGM's

Programmable outputs (PGM's) on your X-Series alarm panel may be used to control electrical devices such as lights, gate and garage door motors, pumps, geysers, irrigation systems etc. The PGM command controls the programmable outputs

NOTE: Installations controlling electrical devices often requires a certified electrician. PGM outputs can only supply 80mA of current.

PGM's can be triggered in several ways as below – consult your installer for further support.

- On – Turns the PGM on by putting 12V DC onto the output
- Off – Turns the PGM off by removing the 12V DC
- PulseH – Puts 12V DC onto the output for 2 seconds
- PulseL – Removes 12V DC from the output for 2 seconds

Desired Action	Code	Command	Ext. Cmd	Data
Turn PGM 1 on	1234	PGM	On	1
Turn PGM 3, 4 & 5 off	1234	PGM	Off	3,4,5
Pulse PGM 2 Low	1234	PGM	PulseL	2
Pulse PGM 3 High	1234	PGM	PulseH	3

Receive customised reports on panel status and events

The "report" command is sent to select what reports you want to receive on that phone number. Each phone number can choose how they want to receive the messages or turn off messages.

There are four types of SMSes:

Raw – A Contact ID string will be sent to the phone number

Full – All enabled events are reported

Reduced – Only the following will be reported: Arm/Disarm, Zone violations, Panics, Medical, Fire, AC Fail/Restore, Battery Low/Restore, Zone tamper/restore.

Raw – Contact ID string/ readable format

Minimal – Only the following will be reported: Keypad panic, Medical & Fire, Panic or Duress, AC Fail/Restorals, zone violations and Low Battery/restorals, Zone tamper

Valid extended commands: "Type"

Desired Action	Code	Command	Ext. Cmd	Data
Turn on partial reporting	1234	Report	Type	Reduced Phone number/ Name
Turn on global reporting	1234	Report	Type	Full Phone number/Name

NOTE: Only a "Master Phone Number" can allocate partitions to a phone number.

Check current panel status

Current arm status, zone status, and PGM status can be checked.

Arm Status

Desired Action	Code	Command	Ext. Cmd	Data
Retrieve the status of all partitions	1234	Arm	Status	All
Retrieve the status of P1	1234	Arm	Status	P1

Retrieve the status of P3 & P6	1234	Arm	Status	P3, P6
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Zone Status

Desired Action	Code	Command	Ext. Comm	Data
Retrieve the status of zones in partition 1	1234	Zone	Status	P1
Retrieve the status of zones in partition 1 & 3	1234	Zone	Status	P1, P3

PGM Status

Desired Action	Code	Command	Ext. Comm	Data
Get PGM 8's status	1234	PGM	Status	8
Get PGM Gate's status	1234	PGM	Status	Gate

Bypass Status

Desired Action	Code	Command	Ext. Cmd	Data
Retrieve the status of zones in partition 1	1234	Zone	Status	P1
Retrieve the status of zones in partition 1 & 3	1234	Zone	Status	P1, P3

Check recent activity by retrieving event logs

The "Event" command is sent by you to retrieve a selectable number of events from the Alarm event log.

Desired Action	Code	Command	Ext. Cmd	Data
Retrieving 5 Events	1234	Event	Panel	5

NOTE: SMS text is limited by the networks to 160 characters and retrieving event logs that exceed 160 characters will amount to a number of SMSes being sent.

SMS Threshold

By default the number of SMSes sent per day per phone number is 20.

The "threshold" extended command is sent by the phone number that is requesting the change to increase or decrease the number of SMSes.

Desired Action	Code	Command	Ext. Cmd	Data
Increase the reporting threshold to 50 SMSes	1234	Report	Threshold	50 Phone Number/Name
Decrease the reporting threshold to 14	1234	Report	Threshold	14 Phone Number/Name

Using names in reporting and commands

The X-SMS V2 device itself, and all partitions, zones, and PGM's can be named.

These names are used by default in all reports, and can be used in commands in place of the default zone / partition / PGM numbers.

Desired Action	Code	Command	Ext. Cmd	Data
Name PGM 5 Lights	1234	PGM	Name	5:Lights
Name the X-SMS V2 device "Home"	1234	Site	Name	Home
Name partition 1 "Main House"	1234	Partition	Name	1:Main House
Name partition 2 as "Granny Flat" & partition 3 as "Garage"	1234	Partition	Name	2:Granny Flat, 3:Garage
Name zone 1 as "Kitchen"	1234	Zone	Name	1:Kitchen
Name zone 2 "Lounge" & zone 5 "Patio"	1234	Zone	Name	2:Lounge, 5:Patio

NOTES

- The X-Series alarm system does not use site, partition or PGM names, these names cannot be added via the keypad.
- If a zone is named via SMS it will over write the zone name on the system
- If a space is inserted before or after the name then the space becomes part of the zone name.
- Names are case sensitive

Update your panel's time and date via the mobile network

Desired Action	Code	Command	Ext. Cmd	Data
Set the unit to retrieve the time & date from the Cell network	1234	Add	Time	Phone Number (SIM card number inserted in the unit)

NOTE: Setting the unit to update time will result in a SMS being sent by the unit to retrieve the time and date.

Lock X-SMS V2 in event of lost phone

This is the “disabled” mode for use when access to an authorised phone number has been lost due to theft or misplacement. To activate the lockout send the lockout command from an authorised phone number. Once in this mode, the SMS Module will ignore all incoming SMS's apart from a re-enable command from the same number that the disable command originated from. There are only two ways to re-enable a disabled SMS Module: via the re-enable SMS or by physically pressing the reset switch on the module.

Desired Action	Code	Command	Ext. Cmd	Data
Temporarily disable the SMS module	1234	Lockout	On	
Enable the SMS module after being disabled	1234	Lockout	Off	

Check and top up SIM airtime balance

You will use the “Airtime” command to query the current airtime balance of the SIM card or to add airtime to the module. It is your responsibility to supply the network-dependant strings to manage their airtime.

Desired Action	Code	Command	Ext. Cmd	Data
Save balance string in the SMS module	1234	Airtime	Command	Enter the string supplied
Query airtime balance	1234	Airtime	Balance	
Add airtime	1234	Airtime		Network supplied string

Add, manage and remove X-SMS V2 users

Phone Number Categories

All phone numbers fall into one of three categories, Master, Arming, or Reporting. Entering phone numbers into the SMS unit is done via SMS's from a “Master Phone Number”. In the default state any cell phone can be used to enter the first “Master Phone Number”, once entered the phone with that cell number must be used to enter more cell numbers or control the system.

Master Phone Number

Master phone numbers have the highest level of access to the SMS Module.

Master phone numbers are allowed access to all configuration data. Only master numbers are permitted to add phone numbers to the system.

Arming phone Numbers

Arming phone numbers are permitted enough access to the module to be able to arm and disarm the Alarm Panel and receive reports.

Reporting Phone Numbers

Reporting phone numbers are only permitted to receive reports from the SMS module, and to temporarily turn off reporting to that number.

How Phone Numbers relate to User Codes

The SMS module works on the basis of phone numbers, with each phone number being a user on the SMS module. The SMS module users' cell numbers are in no way linked to User Codes on the alarm panel. The SMS module will only accept commands from known phone numbers and will reject commands from unknown numbers or numbers not authorised for the command sent.

Any allowed messages are passed to the panel. The panel elects to execute the command based on the following:

- Validity of the user code within the alarm
- The properties of the user code within the alarm
- The current status of the panel

Therefore, for a person to send a successful command, the following conditions must be met:

- The phone number must be programmed into the X-SMS V2 Unit
- The user's cell phone number must not be hidden
- The phone number must be allocated to a group that allows the specified command
- The user code must be programmed into the panel
- The user code properties must be enabled for the specified command
- The action must be possible in the current panel status
- The command string must be correct with all the required information

The “Add” command is sent to add a new authorised phone number to the SMS Module. You must specify whether the new phone number is a Master Phone Number, User Phone Number or a Reporting Phone Number. The cell phone owners name can be associated to the number being added.

Desired Action	Code	Command	Ext. Cmd	Data
Add phone number as a Master number	1234	Add	Master	Phone Number:Name
Add phone number as an Arm number	1234	Add	Arming	Phone Number:Name
Add phone number as a Reporting number	1234	Add	Reporting	Phone Number:Name
Deleting a phone number	1234	Delete		Phone Number/Name
Add user name if the cell number was added without a name	1234	Cellnumber	Name	Phone Number:Name

List

With this command a master user can list all current cell numbers that have been added to the X-SMS V2 unit with what functions are enabled for each number.

Desired Action	Code	Command	Ext. Command	Data
List all phone numbers	1234	List		Numbers

NOTE: This is only a master phone number command.

Naming User codes

Alarm panel user codes can be associated to user names for easier identification as the feedback sms will contain the user name.

Desired Action	Code	Command	Ext. Cmd	Data
Assign a user name to a user code	1234	Usercode	Name	1:Name

Reporting

Each phone number can turn reporting off, as well as choose how they want to receive reporting messages, either by phone number or name if a name has been associated to a number.

- On/Off – Enables/Disables reporting.
- Global – Events that are not partition related. Eg. Ac Fail.
- P1;P2;P3... – Events that are partition based. (P1 for partition 1, P2 for partition 2 and so on) Eg. Arm/Disarm.
- Type – Enables the type of reporting that the phone number will receive. There are three types to choose from:
 - Raw – A contact ID string is sent to the phone.
 - Full – All enabled events will be sent to the phone in English.
 - Reduced - Only the following will be reported: Arm/Disarm, Zone violations, Panics, AC Fail/Restore and Battery Low/Restore.
 - Minimal – Only the following will be reported: Keypad panic, Medical & Fire, Panic & Duress, AC Fail/Restore, Zone Violations and Low Battery/Restore

Desired Action	Code	Command	Ext. Cmd	Data
Turn on reporting for partition events	1234	Report	On P1,P2,P3..	Phone Number/Name
Turn off reporting for global events	1234	Report	Off Global	Phone Number/Name
Turn on full reporting	1234	Report	Type	Full Phone Number/Name
Turn on reduced reporting	1234	Report	Type	Reduced Phone Number/Name

Note: Only events enabled in the alarm panel will be reported.

Hints

Hints help you with commands when you send an incorrect command structure, by returning information about the command you are trying to use.

Hints can be enabled/disabled by master users for all users and arming users can change their own hint statuses.

By default hints are turned on.

Desired Action	Code	Command	Ext. Cmd	Data
Enable hints	1234	Hint		On Number/Name
Disable hints	1234	Hint		Off Number/Name

Help information

A help command has been added to provide assistance with semantic construction of the most important commands that the SMS module offers.

The following commands have been included in the help database:

Arm, disarm, partition status, name, bypass, unbypass, airtime, event, lockout, pgm, zone, report, add user, remove user, and list.

Desired Action	Code	Ext. Cmd	Ext. Cmd	Data
Ask for help	1234	Help		arm

Missed Call Function

There is a new feature in the XSMS that allows one to call the number of the SIM card in the XSMS unit, and have it perform a specific customized command. Once the Xsms unit has received a call and confirmed it is an authorised number it will disconnect the call, (Unauthorised numbers will not be disconnected). If an authorised number was detected the Xsms module will execute the command associated to the missed call function. No confirmation sms will be sent. If the command is not executed a sms will be sent to the cell number that initiated the missed call.

The following list of commands can be associated to the missed call function:

Arming / Disarming, Triggering programmable outputs and bypassing / un-bypassing zones.

Desired Action	Code	Command	Ext. Cmd	Data
Enable a phone for miss call function	1234	Missedcall	Enable	Phone number
Enable user phone for miss call function	1234	Missedcall	Enable	Name (if confired)
Disable missed call for user phone	1234	Missedcall	Disable	Phone number/Name
Pulse PGM 6	1234	Missedcall	Set	Pgm pulseh 6