X-SMS Quick User Guide

Protecting your future
X-Series

THANK YOU FOR CHOOSING IDS TO PROTECT YOU

Thank you for purchasing an IDS X-SMS module. IDS X-SMS 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 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. Should you require assistance in finding an installer, please visit www.idsprotect.com*.*

NOTE: Please read the entire Quick User Guide before attempting to use the X-SMS 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 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 device remotely
  - Lock X-SMS in event of lost phone
  - Check and top up SIM airtime balance
  - Add, manage and remove X-SMS users

COMMAND FORMAT

Commands are not case sensitive and all follow the same format for ease of use:

> **[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 you are accessing)

Data - Any extra information the extended command requires.

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

TAKE FULL REMOTE CONTROL OF YOUR X-SERIES ALARM PANEL

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. Comm	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 a partition is away armed and a stay arm command is sent the message will be rejected. 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. Comm	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 doors motors, pumps, geysers, irrigation systems etc. The PGM command controls the programmable outputs on the X- Series alarm panel.
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. Comm	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

KEEP IN TOUCH WITH YOUR PREMISES

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 three types of SMSes:

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

Full – All enabled events on the X-Series alarm panel will be sent in English to the phone number

Partial – Only the following will be sent in English to the phone number: Panics, Duress, zone violations AC Fail/Restore and Battery low/restore

Valid extended commands: "Type"

Desired Action	Code	Command	Ext. Comm	Data
Turn on partial reporting	1234	Report	Type	Partial
Turn on global reporting	1234	Report	Type	Full

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. Comm	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, S6

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

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Bypass Status

Desired Action	Code	Command	Ext. Comm	Data
Retrieve bypass status of zone 1	1234	Bypass	Status	1
Retrieve status of "Lounge"	1234	Bypass	Status	Lounge

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. Comm	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.*

ENHANCE THE FUNCTIONALITY OF YOUR X-SERIES ALARM PANEL

Using names in reporting and commands

The X-SMS 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. Comm	Data
Name PGM 5 Lights	1234	PGM	Name	5:Lights
Name the X-SMS 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, names and these 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. Command	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 require a SMS to be sent once a week to retrieve the time from the cell network. This will be done automatically if enabled.*

MANAGE YOUR X-SMS DEVICE REMOTELY

Lock X-SMS 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. Comm	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 in the module 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. Comm	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 users

Phone Number Categories
All phone numbers fall into one of three categories, Master, Arming, or Reporting, as below.
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 SMS
- The user's cell phone 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 and 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.

Desired Action	Code	Command	Ext. Command	Data
Add phone number as a Master number	1234	Add	Master	Phone Number
Add phone number as an Arm number	1234	Add	Arming	Phone Number
Add phone number as a Reporting number	1234	Add	Reporting	Phone Number
Deleting a phone number	1234	Delete		Phone Number

SMS Threshold

By default the number of SMSes sent per day per phone number is limited to 20.
To increase or decrease the number of SMSes sent to a phone number, the "threshold" extended command is sent by the phone number that is requesting the change.

Desired Action	Code	Command	Ext. Command	Data
Increase the reporting threshold to 50 SMSes	1234	Report	Threshold	50
Decrease the reporting threshold to 14	1234	Report	Threshold	14

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