




















EM8710 Command overview

Touch panel commands

Function	Enter Key	Explanation
External Wireless Siren Setting	Enter PIN code + 04 + 	Key 0 on the touch panel indicates if the external siren communication is enabled or disabled - When Enabled: Key 0 LED is on - When Disabled: Key 0 LED is off (Wireless Siren communication is Disabled)
		Press "0" to toggle enable/disable. Press  to save settings.
RF Anti-Jamming Detection	Enter PIN code + 05 + 1 + 	Turn On
	Enter PIN code + 05 + 2 + 	Turn Off
Change PIN code	Enter old PIN code + 06 + new PIN code + 	Default PIN code: 1234
Key Tone	Enter PIN code + 07 + 1 + 	Turn On
	Enter PIN code + 07 + 2 + 	Turn Off
Open Door / Window Alert	Enter PIN code + 08 + 1 + 	Turn on
	Enter PIN code + 08 + 2 + 	Turn Off
ARM Mode	Enter PIN code + 	Exit Delay: Arm LED flashes and a beeping sound is heard (will beep faster at the last 5 seconds countdown)
		ARM Mode: Arm Key LED is on
Home Mode	Enter PIN code + 	Exit Delay: Arm LED flashes and a beeping sound is heard (will beep faster at the last 5 seconds countdown)
		Home Mode: Home mode Key LED is on
DISARM Mode	Enter PIN code + 	Disarm Mode: Disarm Key LED turns on
Note: The following operations are available only in DISARM Mode		
Record Alarm Message	Enter PIN code + 	1. Start recording alarm message (about 10 seconds). Playback will start automatically after the recording is completed
		2. Press to stop recording when the message is shorter than 10 seconds
		Recording: The REC key LED is flashing
		Playback: The REC key LED is on
Alarm Type 1 (Siren and GSM are both enabled)	Enter PIN code + 01 + 	Siren is enabled (default)
Alarm Type 2 (GSM is enabled the siren is disabled)	Enter PIN code + 02 + 	Siren is disabled you can only be notified by SMS or phone call in an alarm event
Test Mode	Enter PIN code + 03 + 	Test Mode: Disarm key flashes
		A tone will sound when a accessory signal is received
		Hold key "7" for 3 or more seconds: Test GSM receiving signal strength
		Hold key "8" for 3 or more seconds: Turn on / off the Wireless Siren
		Hold key "9" for 3 or more seconds: Test telephone SMS
		Press Disarm key to exit Test Mode
Home group	Enter PIN code + 15 + 0 + 	Security Mode 0
		Sensor activated only when the alarm is triggered in the ARM status. Sensor will not be activated in Home mode.
Normal group	Enter PIN code + 15 + 1 + 	Security Mode 1
		Sensor is activated in both ARM and Home mode.
Home group + delay	Enter PIN code + 15 + 2 + 	Security Mode 2
		Same as Security mode 0 with additionally a delay.
		Security Mode 3

Normal group + delay	Enter PIN code + 15 + 3 +	Same as Security mode 1 with additionally a delay.
24H Group	Enter PIN code + 15 + 4 +	Security Mode 4
		Sensor activated when Disarmed / Home mode / Armed and will cause an immediate alarm.
Delete sensor	Enter PIN code + 20 + 1 +	Delete all sensor zones
	Enter PIN code + 20 + 1 + 1 +	Delete sensor zone 1-9 where 1 is the sensor number you wish to delete
	Enter PIN code + 20 + 1 + 0 +	Delete all sensor zones after 10
Add Remote (up to 10 remotes)	Enter PIN code + 15 +	Add remote
Delete Remote	Enter PIN code + 20 + 2 +	Delete all remote
	Enter PIN code + 20 + 2 + 1 +	Delete remote 1-0 where 1 is the remote number you wish to delete
Add RFID Tags (up to 50 tags)	Enter PIN code + 15 +	Add RFID tag
Delete RFID Tags	Enter PIN code + 20 + 3 +	Delete all RFID tags
	Enter PIN code + 20 + 3 + 1 -9 +	Delete RFID tag 1-9 where 1 is the RFID tag number you wish to delete
	Enter PIN code + 20 + 3 + 0 +	Delete all RFID tags after 10
Add indoor siren	Enter PIN code +	1. Put the siren in binding mode.
		2. Enter PIN code + DISARM key.
		If the siren failed to bind, repeat step 1 and 2 above.
Add/Change Host Number	Enter PIN code + 66 + Enter PIN code + 20 + 4 + + Owner's mobile Number + Enter PIN code + 20 + 4 +	The host number will receive a success confirmation SMS. This number will also be added into the list of Alarm Voice call number, Alarm SMS Phone number and Speed Dial No.

SMS commands

Setup	SMS sent to panel	SMS in Return
Get Alarm Voice call Phone Numbers	5	TEL: 1. 2. 3. 4. 5.
Set Alarm Voice call Phone Numbers	Use result from "Get Alarm Voice call Phone Numbers" Edit->Send back	Set Phone Number Successfully
Get Alarm SMS Phone Number	6	SMS: 1. 2. 3. 4. 5.
Set Alarm SMS Phone Number	Use result from "Get Alarm SMS Phone Number" Edit->Send back	Set Phone Number Successfully
Get Speed Dial No.	8	SPEEDDIAL: 1. 2. 3. 4. 5.
Set Speed Dial No. (5 sets)	Use result from "Get Speed Dial No." Edit->Send back	Set Phone Number Successfully
Get Operation Menu 1	#	0 Disarm 1 Arm 2 Partial Arm 3 Two-way Talk 4 Listen In 00 System Status ? Phone Number Setup
Get Operation Menu 2	?	5 Alarm Call Phone Number Set 6 Alarm SMS Phone Number

		Set 8 Speed Dial Phone Number Set ?? System Setup
Get Operation Menu 3	??	91-99 Change Zone Name 10 Change RFID Tag Name 11 Enter & Exit Delay Time 12 Siren Volume 13 Siren Ring Time
Get Device version information (can only be requested by the host phone number)	???	
Disarm	0	System Disarmed
Arm	1	System Armed
Partial	2	System Partial Armed
Two Way Talk	3	Call back from alarm panel (Two way communication enabled)
Listen In	4	Call back from alarm panel (the Speaker on the alarm panel is muted)
Request System Status	00	System Disarmed/ System Armed/ System Partial Armed Entry & Exit Delay Time: xx Seconds Siren Volume: Mute/Low/High Siren Ringing Time: xx Minutes
Get Zone 1 Name	91	Zone1 Name: Zone1
Change Zone 1 Name	Use result from "Get Zone 1 Name" Edit->Send back	Set Zone Name Successfully
Get Zone 2 Name	92	Zone2 Name: Zone2
Change Zone 2 Name	Use result from "Get Zone 2 Name" Edit->Send back	Set Zone Name Successfully
Get RFID Tag Names	10	Tag Names: 1. 2. 3. 4.
Change RFID Tag Names	Use result from "Get RFID Tag Names" Edit->Send back	Set Tag Names Successfully
Get Entry Delay & Exit Delay Time	11	Entry & Exit Delay Time(0-240 sec.): 15
Set Entry Delay & Exit Delay Time	Use result from "Get Entry Delay & Exit Delay Time" Edit->Send back	Set Delay Time Successfully
Get Siren Volume	12	Siren Volume (0 Mute, 1 Low, 2 High): 2
Set Siren Volume	Use result from "Get Siren Volume" Edit->Send back	Set Siren Volume Successfully
Get Siren Alarm Duration	13	Siren ringing time (1-9 minutes): 3
Set Siren Alarm Duration	Use result from "Get Siren Alarm Duration" Edit->Send back	Set Siren Time Successfully

Note 1: Maximum length for telephone numbers is 20 digits. Only numbers 0 – 9 and “,” can be used. For example, phone number 0222606868 with extensions 1234 will be input as: “0222606868,1,2,3,4”. If the length exceeds 20 digits, only the first 20 digits will be saved while the rest will be deleted.

Note 2: Maximum length for Zone Names and Tag Names is 24 characters (alphanumeric characters only). If the length exceeds 24 characters, only the first 24 characters will be saved while the rest will be deleted.

Note 3: Do NOT add or delete spaces or other symbols, or change title content, as SMS configuration may fail if those are changed.

For example, when setting Zone1 Name, the zone name must be entered under title (not after). Please refer to the examples listed above.

Note 4: Two Way Talk and Listen In feature must be picked up within 25 seconds, or the host will end the call. A failure SMS will be sent if call back is unsuccessful.

SMS Alerts notification overview

List of SMS alert messages automatically sent by the alarm panel when certain events occurs.

Events	SMS sent to user
Remote Panic button	Emergency help notify
Unauthorized phone number has send a command to the alarm system.	Unauthorized Phone Number
SMS Command invalid/incorrect	Requirements Not Allowed
Alarm call confirmed	The Phone Call Confirmed
Duress code	Duress code is sent
Anti-jamming	Signal has been jammed
AC Adaptor Power Off	System AC Power Loss
AC Adaptor Power On	System AC Power Return
Tag Disarmed	For Tag 1-Tag 4: Send "Tag name" For Other Tags: Send "Tag xx "
Zone Trigger	For Zone 1-Zone 9: Send "Zone name" is triggered For Other Zones: Send "Zone xx" is triggered
Zone Tamper	For Zone 1-Zone 9: Send "Zone name" tamper is triggered For Other Zones: Send "Zone xx" is triggered
Zone Low Battery	For Zone 1-Zone 9: Send "Zone name" battery is low For Other Zones: Send "Zone xx" battery is low
Console Tamper	Console tamper is triggered
Panic initiated from Alarm panel	Emergency help notify