

## 3G SMS Remote Monitoring Control SD

- 10 programmable Hand phone Number.
- Send upon input change state
- Monitoring up to 8 inputs ( Dry contact, voltage free )
- Total characters of 8 inputs Name must not more than 159 characters.
- Each input Name characters cannot exceed 30 characters.
- SMS will report the input status in one shot.
- Configure via SD card ( Simple Text file "smsfile.txt". Can use any PC to edit
- Configure via SMS
- Remote control of 2 relay ( optional )
- Humidity and Temperature Monitoring ( optional )
- Periodic Time Reporting ( optional )



### Operation :

#### Power up

Upon power up , LCD display “ **Modem Start up** ”

Approximately 30sec later, it will send “SMS power up “ message to Master 1 & Master 2 hand phone.

#### LCD display

LCD screen display “ **Monitoring** “ if all input are open contact. If any of the input is close contact. It Will display “... Alarm ...”

If there is a change in input state, the device will display “ alarm activate in xx sec “ . If the input state is valid for XX sec, the change of input state will SMS to the owner.

Example : Assume input 1 and input 2 is close contact,

Name of input 1 close contact is programmed as alarm1-fail-111.  
Name of input 1 open contact is programmed as alarm1-ok-111.  
Name of input 2 close contact is programmed as alarm1-fail-222.  
Name of input 2 open contact is programmed as alarm1-ok-222.  
prefix as fancypressize is programmed as fancypressize

“ **Fancyprezzie alarm1- fail alarm2 fail** “ will send out.

Assume after sometime, input 1 back to open contact.  
Message “ **Fancyprezzie alarm1 ok** “ will send out.

### **Remote read 10 handphone number**

Only Master 1 & Master 2 can List all the handphone number  
SMS “\*list\_hp#”

### **To remote activate Relay 1 momentarily ( optional )**

SMS “relay1\_delay\_on\_off#”  
Relay 1 will turn on for 1 second.

### **To remote activate Relay 2 momentarily ( optional )**

SMS “relay2\_delay\_on\_off#”  
Relay 2 will turn on for 1 second,

### **To remote on Relay 1 ( optional )**

SMS “relay1\_ on #”

### **To remote on Relay 2 ( optional )**

SMS “relay2\_ on #”

### **To remote off Relay 1 ( optional )**

SMS “relay1\_ off #”

### **To remote off Relay 2 ( optional )**

SMS “relay2\_ off #”

### **To change/edit handphone number, alarm and control message**

The smsfile.txt must be in the following format

001.96580564#	( Master 1 Handphone number Example Only)
002.97525928#	( Master 2 Handphone number )
003.A3333333#	( 3 <sup>rd</sup> handphone number If 1 <sup>st</sup> number is A, this number will be ignored)
004.97513586#	( 4 <sup>th</sup> handphone number If 1 <sup>st</sup> number is A, this number will be ignored)
005.A5555555#	( 5 <sup>th</sup> handphone number If 1 <sup>st</sup> number is A, this number will be ignored)
006.A6666666#	( 6 <sup>th</sup> handphone number If 1 <sup>st</sup> number is A, this number will be ignored)
007.A7777777#	( 7 <sup>th</sup> handphone number If 1 <sup>st</sup> number is A, this number will be ignored)
008.A8888888#	( 8 <sup>th</sup> handphone number If 1 <sup>st</sup> number is A, this number will be ignored)
009.A9999999#	( 9 <sup>th</sup> handphone number If 1 <sup>st</sup> number is A, this number will be ignored)

010.01010101# ( 10<sup>th</sup> handphone number If 1<sup>st</sup> number is A, this number will be ignored)  
 011.alarm1-fail-111# ( input 1 close contact Text Example only)  
 012.alarm1-ok-111# ( input 1 open contact Text )  
 013.alarm2-fail-222# ( input 2 close contact Text )  
 014.alarm2-ok-222# ( input 2 open contact Text )  
 015.alarm3-fail-333# ( input 3 close contact Text )  
 016.alarm3-ok-333# ( input 3 open contact Text )  
 017.alarm4-fail-444# ( input 4 close contact Text )  
 018.alarm4-ok-444# ( input 4 open contact Text )  
 019.alarm5-fail-555# ( input 5 close contact Text )  
 020.alarm5-ok-555# ( input 5 open contact Text )  
 021.alarm6-fail-666# ( input 6 close contact Text )  
 022.alarm6-ok-666# ( input 6 open contact Text )  
 023.alarm7-fail-777# ( input 7 close contact Text )  
 024.alarm7-ok-777# ( input 7 open contact Text )  
 025.alarm8-fail-888# ( input 8 close contact Text )  
 026.alarm8-ok-888# ( input 8 open contact Text )  
 027.fancyprsize# ( Prefix )  
 028.relay1\_delay\_on\_off# ( relay 1 on for approximately 1 second and off Text. Example only)  
 029.relay2\_delay\_on\_off# ( relay 2 on for approximately 1 second and off Text )  
 030.relay1\_on# ( relay 1 on Text Optional )  
 031.relay2\_on# ( relay 2 on Text Optional )  
 032.relay1\_off# ( relay 1 off Text Optional )  
 033.relay2\_off# ( relay 2 off Text Optional )  
 034.daily# ( Optional )  
 035.13:00# ( Optional )  
 036.8# (delay in second. In this case, delay for 8 sec )  
 Dummy

### Remote SMS programming

Note : This only for emergency. The number are not stored in SD card.

If the SMS\_Remote\_Control\_SD-100 is power down and up again,

The remote programmed number will be overwritten by SD card data.

Only the 2 Master handphone with a specific number are allowed to configure the device.

SMS the following Text to the SMS Remote Monitoring Control SD

\*save\_001:96580564# ( Master 1 Handphone number Example Only)  
 \*save\_002:97515927# ( Master 2 Handphone number )  
 \*save\_003:A3333333# ( 3<sup>rd</sup> handphone number If 1<sup>st</sup> number is A, this number will be ignored)  
 \*save\_004:97513586# ( 4<sup>th</sup> handphone number If 1<sup>st</sup> number is A, this number will be ignored)  
 \*save\_005:A5555555# ( 5<sup>th</sup> handphone number If 1<sup>st</sup> number is A, this number will be ignored)  
 \*save\_006:A6666666# ( 6<sup>th</sup> handphone number If 1<sup>st</sup> number is A, this number will be ignored)  
 \*save\_007:A7777777# ( 7<sup>th</sup> handphone number If 1<sup>st</sup> number is A, this number will be ignored)  
 \*save\_008:A8888888# ( 8<sup>th</sup> handphone number If 1<sup>st</sup> number is A, this number will be ignored)  
 \*save\_009:A9999999# ( 9<sup>th</sup> handphone number If 1<sup>st</sup> number is A, this number will be ignored)  
 \*save\_010:01010101# ( 10<sup>th</sup> handphone number If 1<sup>st</sup> number is A, this number will be ignored)

\*save\_011:alarm1-fail-111# ( input 1 close contact Text Example only)  
 \*save\_012:alarm1-ok-1111# ( input 1 open contact Text )  
 \*save\_013:alarm2-fail-222# ( input 2 close contact Text )  
 \*save\_014:alarm2-ok-2222# ( input 2 open contact Text )  
 \*save\_015:alarm3-fail-333# ( input 3 close contact Text )  
 \*save\_016:alarm3-ok-3333# ( input 3 open contact Text )  
 \*save\_017:alarm4-fail-444# ( input 4 close contact Text )  
 \*save\_018:alarm4-ok-4444# ( input 4 open contact Text )  
 \*save\_019:alarm5-fail-555# ( input 5 close contact Text )  
 \*save\_020:alarm5-ok-5555# ( input 5 open contact Text )  
 \*save\_021:alarm6-fail-666# ( input 6 close contact Text )  
 \*save\_022:alarm6-ok-6666# ( input 6 open contact Text )  
 \*save\_023:alarm7-fail-777# ( input 7 close contact Text )  
 \*save\_024:alarm7-ok-7777# ( input 7 open contact Text )  
 \*save\_025:alarm8-fail-888# ( input 8 close contact Text )  
 \*save\_026:alarm8-ok-8888# ( input 8 open contact Text )  
 \*save\_027:fancyprsize# ( Prefix )  
 \*save\_028:relay1\_delay\_on\_off# ( relay 1 on for approximately 1 second and off Text. Example only)  
 \*save\_029:relay2\_delay\_on\_off# ( relay 2 on for approximately 1 second and off Text )  
 \*save\_030:relay1\_on# ( relay 1 on Text )  
 \*save\_031:relay2\_on# ( relay 2 on Text )  
 \*save\_032:relay1\_off# ( relay 1 off Text )  
 \*save\_033:relay2\_off# ( relay 2 off Text )  
 \*save\_034:daily# (daily sun mon tue wed thu fri sat )  
 \*save\_035:13:00# (reporting time)  
 \*save\_036:6# ( delay in second, in this case, delay for 6 second )

“Reply : Saved” will be received.

### Optional for Date and Time

To set the date and time ,

SMS “[set\\_date\\_time](#) hh:mm dd/mm/yy#”

“Reply:Set Date Time. Current Date/Time is hh:mm dd/mm/yy day of week “

Example : SMS “\*set\_date\_time 14:04 31/07/16#”

““Reply:Set Date Time. Current Date/Time 14:04 31/07/16 sun“ will be received.

To set the Unit to the current time:

SMS “[set\\_time](#)#”

“Reply: Set Time. Current Time is hh:mm dd/mm/yy day\_of\_week”

When the current time = reporting time ,

“ fancyprezzie Periodic Reporting “ will be received.

### Specification : DC 12V

### Specification for Humidity and Temperatue sensor

Relative Humidity Range            0 ~ 100%

Relative Humidity Accuracy:  $\pm 2\%RH$   
Temperature Accuracy:  $\pm 0.5^{\circ}C$   
Resolution 0.1%RH,0.1 $^{\circ}C$   
Repeatability  $\pm 1\%$   
Long Term Stability  $\pm 0.5\%$  per year  
Operating Temperature Range 40 ~ 80 $^{\circ}C$

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: <http://www.carousell/imate>

Other Product :

3G SMS Remote Monitoring

<http://www.fancyprezzie.com/A.pdf>

3G SMS Remote control SD-200

<http://www.fancyprezzie.com/G.pdf>

2 or more Door interlock

<http://www.fancyprezzie.com/E.pdf>

Door open too long alarm

<http://www.fancyprezzie.com/F.pdf>

Caller ID remote control

<http://www.fancyprezzie.com/CID.pdf>