

## LED display short message control card user manual

LED display short message control card:

1: The storage capacity for 50 short messages. Monochromatic can drive the screen area 64\*768, 16\*1536, 32\*1536, 48\*1024, Double color can drive the screen area 16\*768, 32\*768, 48\*512, 64\*384.

2: Each message 300 characters long (including the system instruction), long is automatically deleted exceeding part.

Description: SMS control card power up before insertion of mobile phone (SIM) card, prohibit live insertion. In power, need to initialize, so a power not to immediately send messages in the past, to Net lights flash once every 2s-3s, connect the network successfully, can send a message. Control card for all received information do cryptographic instruction format verification, rejected substandard instruction, to filter junk information.

### SMS card English send instruction format

Specific English instruction format:

send (Send to display data);

adjust (For correcting time);

Del (Delete control card on page display information);

Delall (Delete all contents of the display control card);

Trust (Setting a trusted number, this function can be used for receiving meteorological information);

Count (Display countdown show)。

Temp (Display temperature)。

Para (Setting display parameters) 。

Power (The setting of the timing switch screen)

Instruction: please refer to the following examples.

Parameters: please refer to the following examples.

Data: please refer to the following examples.

#### Each command / parameter of explanation

One, Screen for setting parameter: ( first use SMS card users recommend the use of " LED display control software" set, can also refer to the sixth page settings screen reference instruction instance ).

Two, sending the information content of instruction:

Short instruction format

Send + parameter 1 + parameter 2 + parameter 3 + message content

Parameter 1: is the message storage location, range ( 01 - 50 ).

( Note: for the time being only 01 ~ 50. )

Parameter 2: display mode, value in the range ( 0 - 8 )

0: Continuous shift left

1: 1 : immediate display

2: shift left

3: the right

4: up

5: down

6: Zola curtain

7 : the drop curtain

8: right curtain

Parameter 3: the residence time, value in the range ( 1 - 9 ).

For example: send0121 work happily.

Explanation:" send" is to send commands, send information stored in said box No. 01, left shows, the residence time for 1 second, information content is " happy work."

Command format

If you need to have the text color, surround the frame parameters, can refer to the following to send mode

Send + parameter 1 + parameter 2 + parameter of3 + parameter 4 + parameter 5 + parameter 6 + parameter information content

Parameter 1: is the message storage location, range ( 01 - 50 ). ( Note: for the time being only 01 ~ 50. )

Parameter 2: display mode, value in the range ( 0 - 8 )

Parameter 3: mobile speed ( 1 ~ 9 ) speed value is greater, faster

Parameter 4: the residence time, value in the range ( 1 - 9 ).

Parameter 5: text display color ( 1 - 3 ) 1 red, 2 green, 3 yellow

Parameter 6: surround border ( 0 - 6 ). 0 indicates no surround frame

Example: send0225310 work happily.

Explanation:" send" is to send commands, send information stored in said box No. 02, left shows, moving at a velocity of 5, residence time of 3 seconds, the text color to red, no surround border, information content for" happy work."

Three, automatic calibration instruction:

adjust (m) nn

By sending short message to display the time correction time.

The command message carried time modify screen time.

" M" for the selection of the time display mode: value of 0-3

In 1, 0 shows the default mode, display year, month, day, time, minutes and seconds, week,

Such as: 2011-10-24 12 : 30: 30 Monday

In 2, 1 years, months, days, display, such as 2011-10-24, second: 12 : 30: 30

In 3, 2 year, month, date display, such as: 2011-10-24 Monday week

4, 3 points, second display, such as: 12 : 30: 30

An example:adjustmnn

" M" for the selection of the time display mode: value 0-3, when NN is 00, to hide the time program, when NN 01 show time show. ( Note: m Province, province after the display as the default mode )

When the control card partition, time program will be fixed in the first partition.

Four, deleting a single information instruction:

De1nn

Examples: Del01, said delete stored at 01 locations on the information.

Five, delete all the information and instructions:

Delall

Six, setting up the trust number instruction:

Trust + name + trust number

Trusting numbers sent any information ( such as the weather forecast ) are placed in the 01 position, the left shift display. Set trusted number sent the information on the display screen of the display font size, font size for a byte value, as follows:

0: 16 lattice

1: 24 lattice

2: 32 lattice

Can set up 1 trusted number, is arranged behind the trust number would have set the trust number cover.

For example: to display a weather forecast, can be the first to use mobile phone extraction meteorological short message number, remove the previous " +86" and then " Trust " behind the input at.

Example: Trust012520

Explanation: set 12520 as the trusted number, then the number issued to any text messages are not the cryptographic instruction format verification, and displayed to the screen, and the font size of 16 dot matrix display.

Note: if only send a " Trust" five words, said cancel cancel trust trust number, number at the same time, the original trust number transmitted information will also be empty.

Note: 1, if the trust number from Fetion users, please in the mobile phone number before the "12520".

2, once a certain number is set to a trusted number, control card not the number sent the information instruction format test, i.e. the number sent by any formatting information will be displayed. The number sent the instructions will be invalid.

To cancel a trusted number is sent, please pay attention to " Trust" not trusted number of mobile phone number sent the order.

Seven, to show the countdown program instruction:

Count + time + text

The target time: it consists of 6 digits, year, month, day respectively occupies 2 digits ( years before the 2 omitted ).

Caption: by the user to determine, but which must contain special characters " C" ( C is not case-sensitive ).

For example: Count080808 and C days from Beijing Olympic games.

Said target time is 2008 08 month 08 days.

And the screen will display the following content: from the Beijing Olympics and XXX day.

When the control card partition, countdown program will be fixed in the first partition.

If the customer often need to change information, we recommend to use China Mobile Fetion software to send text messages, sending information to zero cost, simple and convenient!

Eight, set the screen reference instruction:

Parakkk ggg s d e m

KKK: set the display width, with 8 as a base, KKK represents the display width number, less than 3 bits with 0 complement. If the display width of 128 points, KKK said 016 ( maximum 128)

GGG: setting the height of the display screen, with 8 as a base, GGG represents the display high points, less than 3 bits with 0 complement. If the screen is high 32 points, GGG should be expressed as 004 ( maximum 008)

Note: screen parameter conversion rules to the actual number is divided by 8, such as screen high 256 points, in addition to 8 is equal to 32, the 032.

S: representing the display is a monochrome screen or double color screen, color screen for the 0, double color 1;

D: data polarity 0: negative; 1: positive

E: OE polarity 0: negative; 1: positive

M: scan mode, 1: 1 / 16 scan: straight walking the line, a data line with 16.

2: 0 / 8 scan: do not discount, together with 8 rows of data.

3: 1 / 8 scan: every 8 points down on a road with 16 lines, a data.

4: 2 / 8 scan: for every 8 points to break a, a road with 16 rows of data.

5: 1 / 4 scan: four sweeping downlink (1 16 ) ( 04-P16-08 ).

6: 1 / 4 scan: four sweeping downlink (1 8 ) ( 04-P08-08 ).

7: 1 / 4 scan: every 8 points of discount, row reverse column is 8 ( 1 16 ).

8: 1 / 4 scan: four sweeping downlink (1 8 ) ( 04-P16-08 ).

9: 1 / 4 scan: four sweeping downlink (1 8 ) ( 04-P16-08 ) (no 138. ).

( if the conventional P10 screen, scanning mode choose 5. )

For example: the screen is 32 points, 128 points wide P10 half door screen, then set the screen parameter information should be edited as follows:

Para016 004 0 0 1 5

Note: this command each digital between all the spaces, the use must be in accordance with this format, or the control card rejected substandard instruction. If the scan mode beyond this range, use the PC software to set.

Nine, zoning

In 1, the short message control card support upper and lower partition, partition partition way around 2. Through the computer software to set display.

If set to display

A: from trusted number information

B: countdown information

C: time program

D: temperature and humidity program

In the District 1 ( screen with the left partition, partition or screen display cycle ).

Non trusted number sent the information if not specified partition in the partition 2 shows, if the specified partition partition 1 display at.

2, if you need to set up a trust number sent the information in the partition 1 shows, in the parameter after " \*". As follows:

Send + parameters ( # # # ) + + message content

For example:

Send0121 \* work happily

Send0229310 \* work happily

Send0121 # # # \* work happily

Or send0121 # \* work happily

Or send0121 # # \* work happily

( Note: modify screen reference needed PC end software reset partition information )

Ten, setting the switch screen commands

Power + + boot time shutdown time

Switch machine time format for the hhmmhhmm. In front of the HHMM boot time, behind the HHMM shutdown time.

Such as:" Power08001900" said display screen starting up time is 08 00, the shutdown time of 19 00

If you want to cancel the function, it sends the "Power".

Eleven, the temperature and humidity program instruction:

### Tempnn

The NN value of 01 indicates adding humidity program, 00 to delete the temperature and humidity program.

Note: to display temperature and humidity programs need to add temperature and humidity sensors, temperature and humidity can be displayed correctly. When the control card partition, temperature and humidity program will be fixed in the first partition.

### The remarks section

1 special tips: if it is to use software to send text messages, please ensure that the user's nickname is not named "SMS screen", because of the Fetion Fetion users send SMS platform, the nickname will be included in the message sent together. This causes the control card users will be the "nickname" mistakenly believe that the password, which leads to the short message format error.

2 common errors:

When sending an instruction in the process, if the screen appears "instruction format error." tips, please confirm the following 2 points:

A. Instructions format is in accordance with the requirements of writing.

B control card beside if there is strong, affect the communication interference source.

3 font and the partition function of the extended instruction. Only support left and upper and lower partition method

The send parameter 1 Parameter 2 parameter 3 ( # # # ) message content

Everything within the parentheses are optional.

#     --   Expressed the hope that the program to call the 16 dot matrix font.

##    --   Expressed the hope that the program to call the 24 dot matrix font.

###   --   Expressed the hope that the program to call the 32 dot matrix font.

Control card has been embedded in the 3 font. The default system is based on the screen to select appropriate font height.



Font with special symbols to indicate the number of #. # said 16 dot matrix font, # # said 24 dot matrix font, # # # said 32 dot matrix font. Different numbers # symbols in instruction can select a different font. Set font if not be divisible by the screen, control card according to screen high intelligent processing. For example: if the current screen high was 16 points, if the call to the 24 dot matrix font, control card will determine the setting is unreasonable, will automatically adjust to call 16 dot matrix font.

For example:

Send0121 # work happily,      The content will be the 16 high display.

Send0121 # # work happily,      The content will be the 24 high display.

Send0121 # # # work happily,      The content will be the 32high display.