DIGITAL PANEL
DP02HMNKG

USER'S MANUAL

1. DEFINITION
DP02HMNKG is a digital outdoor panel with a keypad and a card access pad.

The Digital panel default setting is for 1 building and up to 255 apartments. The panel does not require presetting. It is activated and ready to use.

However, it is strongly recommended that you change default settings after installing the panel. You can find how to change the settings on the instruction manual. After reading the manual, you will be fully aware how to use this device.

2.   Device Instructions

2.1 CALL

In standby mode push any button, enter the apartment number and then push the CALL button. If you do not know the apartment number, find the name of the resident via searching the UP, DOWN buttons. Then, press the CALL. To call guard, press the GUARD button.

2.2 DOOR ENTRY

A set of four numbers called as PIN. Each apartment has its own PIN or apartments have shared PIN to open the building entrance. (For your safety do not share your PIN with others.)
In standby mode push the C button until the words "Enter Your PIN" are displayed and enter the four digits door release PIN within 12 seconds. Otherwise the system will resume to standby mode. (Note: The default PIN is 1234) The PIN would not appear in the screen, for that reason enter the PIN carefully. If there is a mistake, reset the PIN by pressing the C button and enter the PIN again or enter the rest of the digits to complete the set to four digits then you can enter again.

2.3 USE OF THE BUTTONS IN ABC MODE

In ABC mode; to type the requested letter, press relevant button:
To choose first letter, press once
To choose second letter, press twice
To choose third letter press, three times

EXAMPLES: To display "C" press the #2 three times, to display "K", press the #5 three times quickly. This method is called single key mode with many options.
NOTE: When you press another button cursor moves to next digit. To move onto right cell on the display or to be able to enter the same letter again wait for few seconds after entering the first letter. For more information about the characters, you can use table on menu 2.4.

2.4 SYMBOLS

BUTTON   DISPLAYED

1	. , - ? ! ' @ : 1
2	A B C 2
3	D E F 3
4	G H I 4
5	J K L 5
6	M N O 6
7	P Q R S 7
8	T U V 8
9	W X Y Z 9
0	0

NOTE: To leave space press "0" for once.

2.5 ENTERING MENU SETTINGS

In standby mode push any button and see the menu to enter apartment number. Enter any apartment number, press the "C" button continuously till the words "Settings PIN" are displayed then you can enter settings PIN and make the necessary changes. The default PIN is "0000". (It is strongly recommended to change "Settings PIN" and store it carefully.) If you don not press any button within 6 seconds, panel switches to standby mode then need to re-enter Settings Menu.

You can press the numbers "1 to 9" to enter sub-menus on "Menu Settings". By using the UP and DOWN buttons you can select sub-menus.

2.5.1. ENTERING BUILDING NAME ON OPENING SCREEN

Opening Screen menu is #1 on Settings Menu. As optional building name or Welcoming message is typed. (Example: "Welcome to xXx Building") To enter the menu, enter menu settings first, press "1" then press CALL. Type your message in Line1 then press the CALL to type in Line 2. If you want to leave the Line 2 blank just press the CALL after entering Line 1 Message. Each line has 16 digits to use.

2.5.2. IDENTIFICATION OF APARTMENT (APARTMENT) QUANTITY (IFQ)

IFQ menu is #2 on Settings Menu. This menu limits the panel on use of the apartment quantity.   To enter the menu, enter menu settings first, press "2" then press CALL, type total apartment quantity and press CALL to save it.
NOTE: Apartment quantity can be maximum 255. Please pay attention not to leave quantity "0".
 when you enter IFQ menu.

2.5.3. NAME LIST

Name List menu is #3 on Settings Menu. It is possible to display who the resident at referred apartment number is. Visitors can browse the residents via the UP, DOWN buttons then press the CALL to call the required apartment. To edit the

name list menu, enter settings menu, press 3 then the CALL. Type apartment number, then press CALL to edit the apartment. Type resident "name-surname", then press CALL to save the information.

2.5.4. CHANGING DOOR PIN

Changing Door Pin menu is #4 on Settings Menu. This menu is to change the door opening pin. Enter settings menu, press 4 then CALL. Enter quantity of PIN numbers (1 to 100) then enter PIN numbers for each apartment. The default door release PIN is "1234" Quantity of PIN numbers should be entered as defined otherwise default Door PIN would remain.

2.5.5. CHANGING SETTINGS PIN

Changing Settings Pin menu is #5 on Settings Menu. This menu is to change the Settings PIN. Enter settings menu, press 5 then the CALL and the CALL again, "Settings PIN" appears on the screen to enter four digits "New PIN". Press the 1CALL to save the new PIN. Default Settings PIN is "0000".

2.5.6. LANGUAGE OPTIONS

Language Options menu is #6 on Settings Menu. This menu is to set panel language. Enter settings menu, press 6 then the CALL. Press 1,2,3,4 to select your language then press the CALL to set it. Language options below.

1- Turkish
2- English
3- French

2.5.7. BACK TO DEFAULT SETTINGS

Back to Default Settings menu is #7 on Settings Menu. This menu is to reset current settings and it restores manufacturer settings. Enter settings menu then press 7 then CALL, "BACK TO DEFAULT SETTINGS?" appears on the screen, if you press CALL panel would start counting from 1 to 260 then returns to standby mode screen and panel is set to default settings. When "BACK TO DEFAULT SETTINGS" appeared on screen, if you press the C the panel would not clear existing information and return to Settings Menu.

2.5.9. BUILDING NO SETTINGS ON MULTI-BUILDINGS

Building No Settings on Multi-Buildings menu is #9 on Settings Menu. This menu is to set building number. Enter settings menu then press 9 then the CALL, enter building number then CALL.
Attention! For Multi-Building Systems, if you don not set building number or leave "0" when an apartment is called, system would call the same numbered apartments in all buildings.

2.5.11. OPTIONAL BUTTON (GUARD BUTTON)

Optional Button menu is #11 on Settings Menu. This menu is to set to call guard's station directly without entering apartment number. You can enter any apartment number to call directly, default Guard Station number is 255.

NOTE: Pay attention NOT TO press the CALL without entering apartment number, Guard Apartment would be set as "0".

2.5.12. DOOR RELEASE TIMER

Optional Button menu is #12 on Settings Menu. This menu is to set to door releasing time. Enter settings menu, press 12 then CALL. Use the UP / DOWN buttons to set the required releasing time then press the CALL to set it. (D.R.T. range is up to 10 secs.)

3. CARD ACCESS

Applying below instructions, you can register the cards that you will distribute to users or you can erase all already registered cards. For these operations, your system has to be switched ON and Status LED continuously glowing.

3.1. Registering user cards

a. Take one of Administrator cards out of the package and put it close to reader unit then make sure that you hear a double warning beep and watch REC LED to blink.
b. Blinking REC LED indicates that the unit is in Registration mode. You can then take back the Administrator card.
c. Put user card(s) close to reader unit, rapidly one after the other, follow light and sound warnings.
d. When you finish registering user card(s), you put again the Administrator card near the reader unit and exit. Continuously glowing Status LED indicates that you are out of registration mode.

NOTE : In case you wait more then 10 seconds during above operations, the system will automatically go out of registration mode.

3.2. Erasing all user cards

a. Take one of Administrator cards out of the package and put it close to reader unit and wait; then watch all LEDs to go ON after 20 seconds.
b. Take back the Administrator card.
c. A few seconds later, you will see that REC and Confirmation LEDs go ON. This means that you are in "Erase" mode.
d. While REC and Confirmation LEDs are ON, erase operation starts as soon as you put the Administrator card close to reader unit. During erase operation, all LEDs are ON. When erase operation is completed, Status LED will continuously glow.

NOTE : In erase mode, if Administrator card is not placed close to the reader within 10 seconds, the system goes automatically out of erase mode. In such case, erase operation is not realized.

3. 3. Opening different doors with the same card

To open different doors with the same card, the card(s) have to be registered to each and every reader unit connected to desired doors. Above registration operations have to be repeated for each door.

4. **Technical Specifications**

Communication Range	28 ± 4 in. (70 ± 10 cm)
Operating Temperature	-4F…130F (-20□...+55□C)
Standby mode Current	115 mA
Operating Current	150 mA
Operating Voltage	16…24 VDC
Adjustable Camera Angle Degree	32□ total in all directions
Camera Resolution	350 TV lines
Max. Number of Apartments	255
Door Releasing Time	1…10 sec
Max. Door Release PIN	1...99
Video Output Format	Differential
Video Output Level	2V… 800mV
Extra Video Input Level	1,1 V
Extra Video Input Impedance	75 Ω
Audio Output Impedance	1200 Ω
Audio Input Impedance	600 Ω
Audio Out Level	600 mV (max.)
Audio In	600 mV (max.)
Dimensions (W/H/D)	10.7/4.3/0.8-2.3 in. (27/11/2-6 cm)
Weight	23 oz. (645 gr)