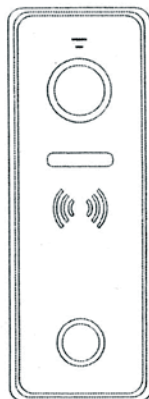
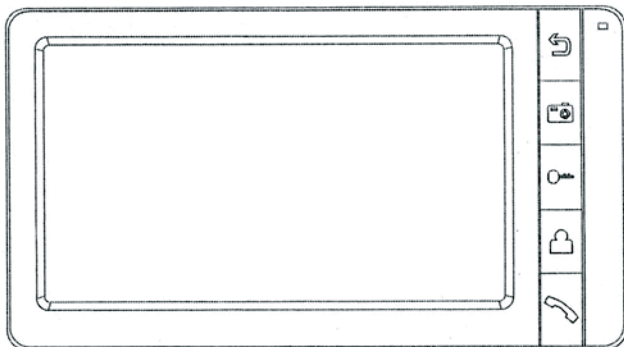


na·De®

COLOR VIDEO DOOR PHONE **USER MANUAL**



** System functions with 4+2 wires.

An external wire is used for door opener connection.

** The LIYCY 6 x 0,50mm cable must be used in the installation.

Attention must be paid to the cable and installation structure, and should be obeyed to the wire distances declared in this manual.

1. Warning and caution

Make sure to follow the instructions to prevent any danger or property losses.



Warning

Death or serious injury is expected

- It indicates prohibition.
- It indicates disassembly.
- It indicates prohibition of contact.
- It indicates dos and don'ts.
- It indicates that the plug should be pulled out from the socket

Warning

<p>Do not put the plug in the socket simultaneously. It may generate abnormal heat or cause a fire.</p>	<p>Do not connect to other products while in use. It may cause breakdown.</p>	<p>Do not forcibly bend the cord or put a heavy object on the product. It may cause a fire.</p>
<p>Do not use water, thinner or a detergent used to wash oil products when you wash the exterior. Make sure to wash it by using a dry cloth to prevent any breakdown or electric shock.</p>	<p>Do not install the product in a humid place. It may cause an electric shock or a fire.</p>	<p>Do not forcibly pull out the cord from the socket. If the cord is damaged, it may cause a fire or an electric shock.</p>
<p>Do not put the plug in the socket with a wet hand. It may cause an electric shock.</p>	<p>Do not disassemble, repair or modify the product. It may cause a fire, an electric shock or an injury due to malfunction of the product.</p>	<p>Do not use AC circuit breaker. It may cause an electric shock.</p>



Caution

A injury or property losses are expected.



It indicates prohibition.



It indicates disassembly.



It indicates prohibition of contact.




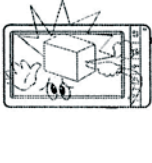
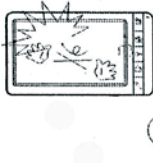
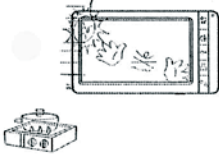


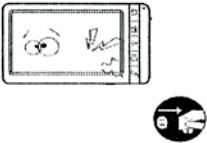


It indicates dos and don'ts.

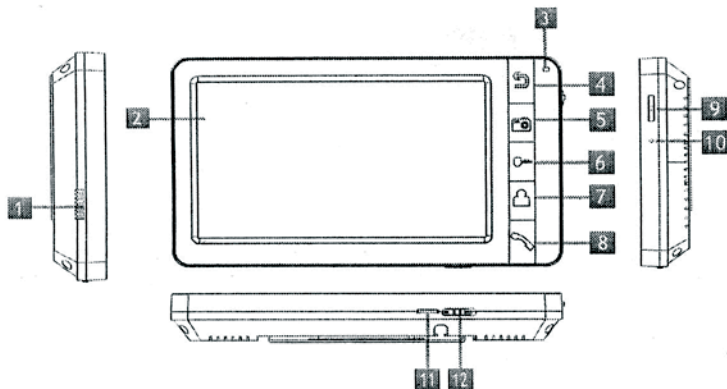


It indicates that the plug should be pulled out from the socket

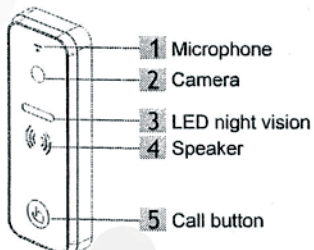
Caution

 <p style="text-align: center;">NO</p>	 <p style="text-align: center;">NO</p>	 <p style="text-align: center;">NO</p>
<p>If the socket holes are larger than normal, do not put the plug. It may cause an electric shock or a fire.</p>	<p>Make sure that dust or foreign substances are not gathered on the product.</p>	<p>Make sure to prevent foreign substances from entering the product. It may cause a breakdown.</p>
 <p style="text-align: center;">!</p>	 <p style="text-align: center;">NO</p>	 <p style="text-align: center;">!</p>
<p>Do not put a heavy object on the product. It may cause a breakdown.</p>	<p>Do not disassemble or give an impact to the product.</p>	<p>Avoid direct rays of the sun or heating devices at a time of installation.</p>
 <p style="text-align: center;">!</p>	 <p style="text-align: center;">!</p>	 <p style="text-align: center;">!</p>
<p>Install the product in a flat and stable place. Otherwise, it may not function properly.</p>	<p>Pull the plug if the product is not used for a long time.</p>	<p>If the product generates strange sound, make sure to pull the plug immediately and contact service center.</p>

2. The function and name of each part



1	Speaker	
2	LCD	
3	Indicator	Indicate the state of the system
4	Return button	Return/Hang up/Calendar
5	Photograph button	Enter main menu
6	Unlock button	
7	Monitor button	Monitor door station/CCTV camera
8	Answer button	Answer/ Call transfer
9	Navigation button	Adjust +/- / Confirm
10	Microphone	
11	Micro SD card slot	
12	Power on/ off	



3. Features and main function

1) Features :

- 7" color digital LCD, high -definition
- Hands free design, perfect intercom with clear voice
- Comfortable mechanical buttons
- 7 polyphonic ring-tones switch freely
- Maximum support 2 door station+4 indoor monitors

2) Main functions :

- Lock control
- Alarm clock
- Music playing
- Monitor listening
- "Don't disturb" function
- Broadcasting/Intercom call
- Picture taking & picture browsing
- Auto taking picture(s) when visitor presses door station
- Maximum store about 60pcs photos when SD card not inserted
- Call transfer to other indoor monitors
- Real-time monitoring to doorbell or CCTV camera
- Brightness, contrast, talk volume and color adjustable.

OUTDOOR PANEL(DOORBELL)

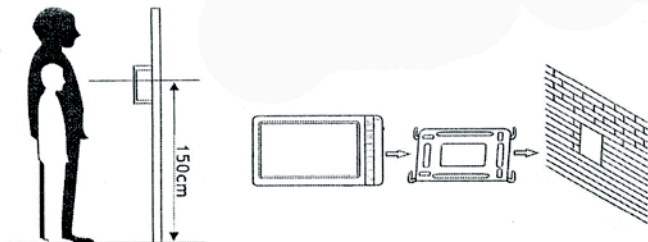
SPECIFICATIONS :

- Surface mounting
- Aluminium alloy Housing
- 800 TV lines
- Water-proof
- Color CMOS Camera
- LED night vision
- Working temperature: -30°C to +60°C
- Dimension: 133.2 x 48 x 15.5mm
- 60° or 110° viewing angle
- 1Vp-p75Ω Video output
- Power voltage DC 10-15V
- Power consumption2.5W
- Anti-sabotage

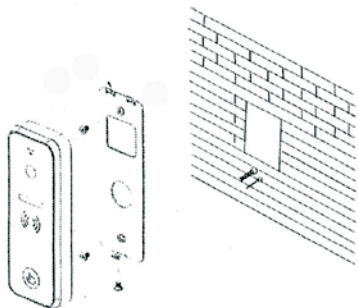
4. Installation method

- 1) Refer to relevant wiring diagram for the system you have chosen and ensure you have the correct cable.
- 2) Determine the monitor installation position: -suggest to install at 1.5~1.6Meters;
- 3) Ensure no power supply connection before installation finished
- 4) Install the bracket on the wall
- 5) Connect cables as per the wiring diagram indicated.
- 6) Fix the monitor onto the bracket.
- 7). Connect power when doorbell is installed.

Monitor Installation :



Outdoor Panel Installation :

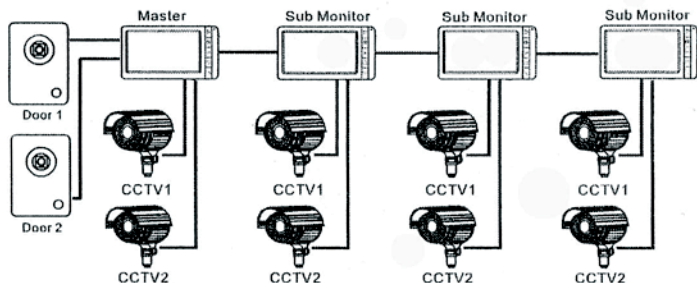


- Please select the most suitable doorbell position, avoid direct sunshine to camera, dark surroundings, rain.
- Determine door panel installation height : suggest to be 1.5~1.6 meters.
- Dig a hole at the suitable height on the wall.
- Dissamble the cover from the outdoor panel by screwing off the screw on the bottom.
- Make the cables go through the wall and the hole on the rain proof, and connecting the cable with wires on the rear panel of the outdoor panel.
- Fix the outdoor panel and water proof on the wall with the screws as the above picture.
- Put the cover onto the outdoor panel, and fix it with the screw on the bottom.

5. System layout and wiring distances

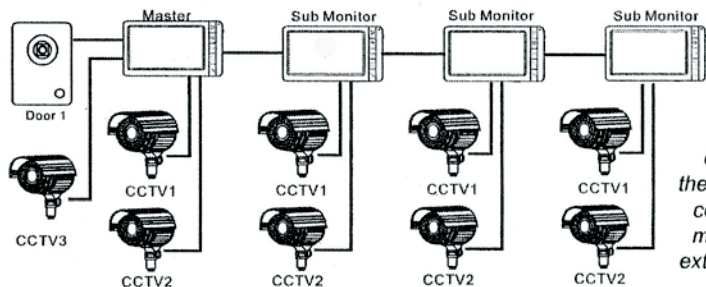
1).Connecting 2 door stations

The system can maximum support 1 master monitor, 2 door stations, 3 sub monitors and 8 CCTV cameras.



2).The port 2 connects to CCTV camera

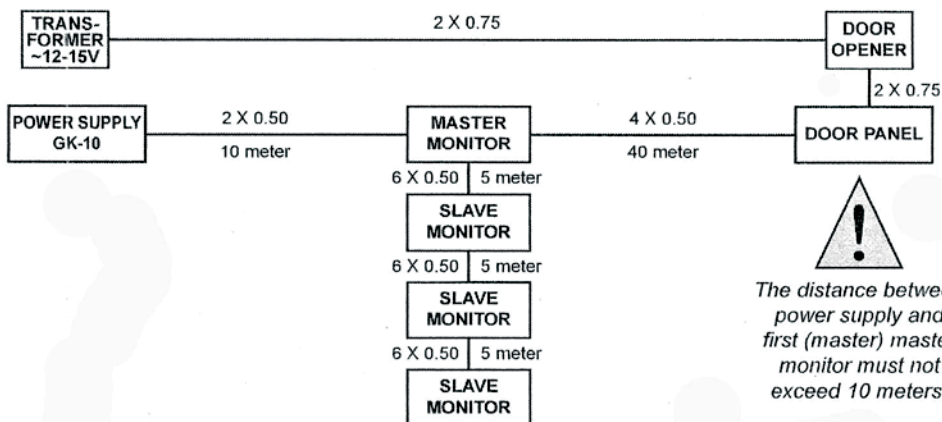
The system can maximum support 1 master monitor, 1 door panel, 3 sub monitors and 9 CCTV cameras.



CCTV s can be only displayed by the monitors which are connected. CCTV s must be run with an external power supply.

If an external CCTV is connected instead of 2nd door panel, then all monitors in the system can display this CCTV too.

(6X0,50) 4 MONITORS 1 PANEL CABLE DISTANCES IN METERS (GK-10)



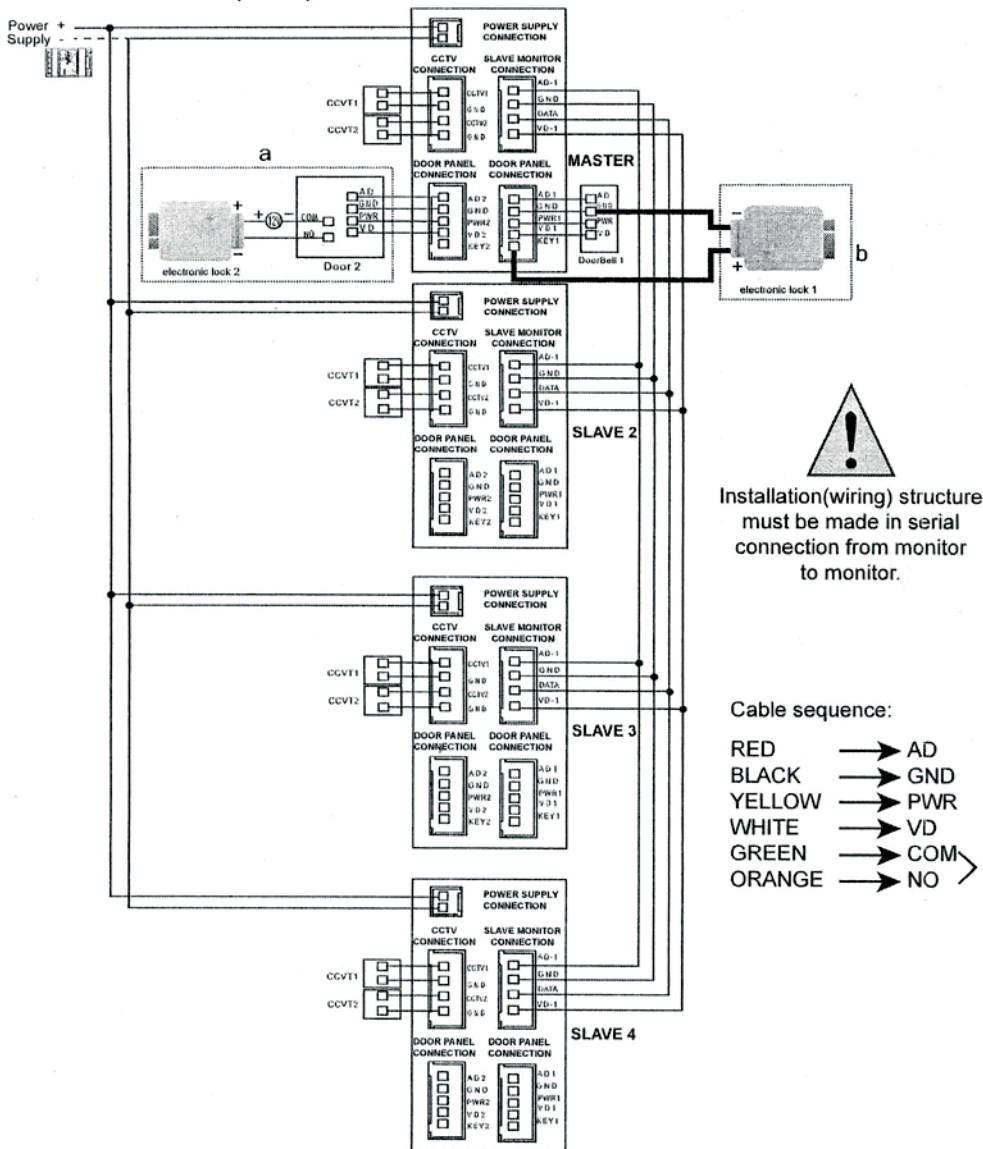
The distance between power supply and first (master) master monitor must not exceed 10 meters.

6-1. Wiring diagram

Solution1

Connection sockets of monitor

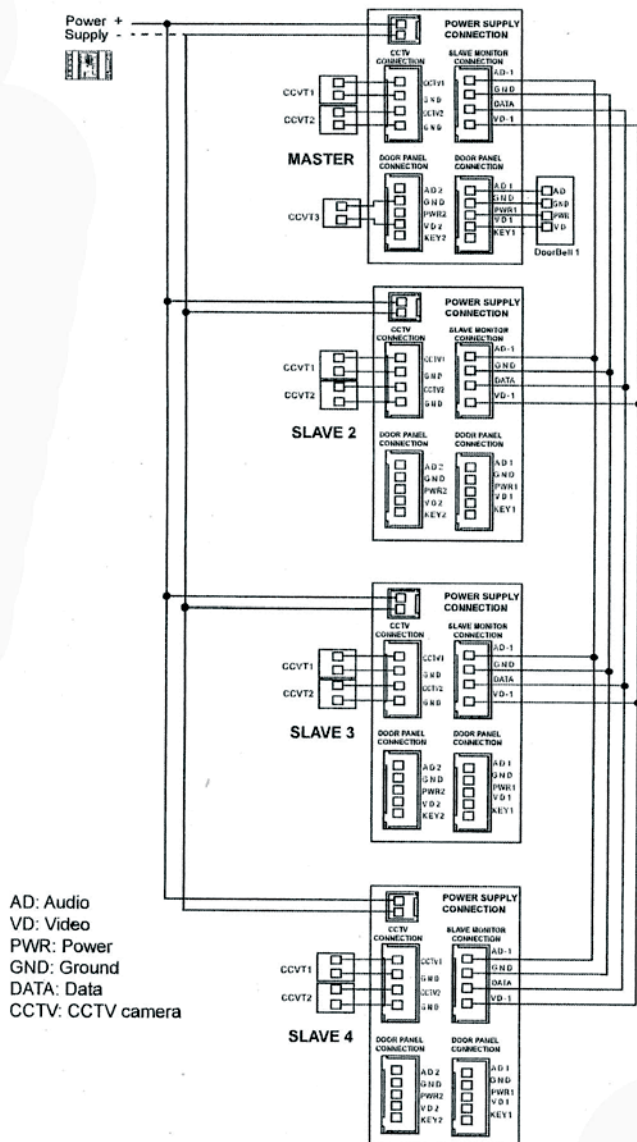
** Each square represents socket connections at the back side of the monitor.



Note: (a)Door panel unlock wiring: electronic lock 2+external power supply.
 (b)Indoor monitor unlock wiring: electronic 1+bold black cable part.



6-2. Wiring diagram



Solution2






7.Functions in common use

1) How to answer the call and transfer the call to other indoor monitors?





When call from door station or other indoor monitor, the indoor monitor(s) will chime, short press  "answer button" to answer the call. If no one answers, the monitor(s) shall be back to standby status after chime time end. When the monitor is chiming, or when talk with visitor, short press  "unlock button" can unlock the door.


When talking with one door station, if some one calls at the other door station, the screen will show relevant indication, short press  "answer button" can switch to talk with the other visitor. When at talking status, short press  "answer button" can transfer the call to other indoor monitors.

When at talking status, short press  "monitor button" will switch the screen to other video channel and keep monitoring status; while back to the previous video channel, the device will be back to talk status.




When at talking status, long press  "answer button", the microphone will be disabled, long press  "answer button" again can enable the microphone, screen will show relevant indication when doing the above operations. The above operation is only valid in the present calling, the microphone shall be enabled automatically after the call ends.

2) How to use monitoring function?


At standby status, short press  "monitor button" to monitor Door 1, short press  "monitor button" again can switch to another video channel. When monitoring door station channel, short press  "answer button" can talk to door station. When talk with door station, short press  "unlock button" can unlock the door.

If enable MONITOR UNLOCK function in advanced setting, user can short press  "unlock button" to unlock the door when monitoring door station.




3) How to make internal call?

At standby status, user can short press  "answer button" to entre intercom call interface, then short press  "navigation button" to choose call target, press  "photograph button" to confirm calling.

4) How to make broadcast?

At standby status, user can long press  "answer button" to enter broadcast status directly. It shall broadcast to all indoor monitors in the system and could not choose broadcast target •

5) How to use the monitor listening function

At standby status, long press  "monitor button" to enter the monitor listening interface, then press  "navigation button" to choose the monitor listening target, press  "photograph button" to confirm monitor listening.

And to use this function, the option "BE MONITORED" in system setting of the target monitor must be enabled.

REMARK:

- a. At monitor listening position, only the sound from the opposite side is taken.
- b. At broadcasting position, your voice is taken from the opposite side.

6) "Don't disturb" function

You can use SYSTEM SETTINGS menu to turn "NO DISTURB" function on or off.

Note: If this function enabled, the monitor will be mute when receive calls, and the LED indicator light is flicking.

REMARK:

The above functions 2), 3), 4), 5) and 6) can be operated in the main menu too

7) How to set the address of indoor monitor?

The default address is Room1. Optional Room1• Room4. The master monitor which connects to door station directly, should be set as Room1.

If the system has 2 or more than 2 indoor monitors, can't set a same address in 2 monitors, or the system can't work normally & that option will caution in red color.

The menu, settings (settings), you can set device address in the address section by the navigation buttons.

8) How to adjust the Volume, Brightness, Chrominance, contrast ratio and display scale?

At video display or audio play interface, user can short press "**navigation button**" to adjust the volume or brightness.

At video display status, when adjust volume/brightness interface, short press "**photograph button**" can switch to adjust other parameters interface: Volume, Brightness, Chrominance, contrast ratio & display scale.

9) How to enter main menu?

At standby status, press "**photograph button**" to enter main menu.

10) How to enter system setting?

At standby status, go to system main menu, press "**navigation button**" to movethe cursor to SETTING icon, press "**photograph button**" to enter system setting.

11) How to enter advanced settings?

Restart the monitor, and press a long way "**Door open button**" when at welcome screen.

12) How to browse pictures?

Go to the main menu, users can enter picture browsing interface from PHOTO icon.
On picture viewing interface, users can switch pictures by pressing "**navigation button**"

13) How to take pictures?

Manual picture taking: When there's video signal on screen, user can short press "photograph button" to take a picture. The words IMAGE CAPTURED will show on the screen.

Automatically picture taking: "Auto capture quantity" should be set as 1,2 or 3 in the system settings. The system can automatically take and save pictures when visitors press the door station.

14) How to delete photos, recorded video or audio files?

On photo files menu interface, users can enter delete interface by long pressing "photograph button"

In order to delete all of the image files; Menu, settings, system format, flash format, "√" mark, confirm.

15) How to use multimedia function?

The multimedia center can play music or pictures. The music files must be in MP3 format, and the picture files must be in JPG format. The music files must be put in directory \MULTIMEDIA\MUSIC in the SD card, and picture files must be put in directory \MULTIMEDIA\ PICTURE in the SD card, or the monitor can not find the files.

8. System setting

No.	Setting items	Options	Note
1	CHIME TIME	10S ~ 60S	Chime duration time
2	CHIME VOLUME	10% ~ 100%	
3	CHIME TYPE SETTING	DOOR1 CHIME TYPE	00-06 optionals
		DOOR2 CHIME TYPE	00-06 optionals
		INTERCOM CHIME TYPE	00-06 optionals
		RING TONE REPEAT	
4	NO DISTURB	Off by default	if turn on this function, Ring, intercom, broadcasting will be muted. Indicate LED will flash.
5	BE MONITORED	Off by default	If turn on this function, The monitor can be monitor listened by other monitors.
6	ICON NAME	ON by default	Appear/disappear the icon names on main menu.
7	AUTO CAPTURE QUANTITY	DISABLE	
		1	Automatically capturing 1 image
		2	Automatically capturing 2 image
		3	Automatically capturing 3 image
8	COPY FILE TO SD CARD	CANCEL	
		COPY	
9	DEVICE ADDRESS	ROOM1 /2 /3 /4	The option will be red if two monitors set the same address
10	PORT STATE	PORT2 STATE	
		DOOR2/CCTV3	
		CCTV1	
		CCTV2	
11	SYSTEM TIME SETTING	Date DAY - MONTH - YEAR	
		TIME: HOUR : MINUTE : SECOND	
12	ALARM CLOCK SETTING	ALARM CLOCK 1, 2, 3, 4, 5, 6	Each alarm clock can be set separately Since set time, it will alarm every 30 seconds till you turn off the alarm clock.
		ALARM CLOCK CHIME TYPE	7 polyphonic ring-tones options

No.	Setting items	Options	Note
		Clock status	Turn on/off.
		Cycle Type: Single / week / month / year	single: only alarm once at the setting time Week: alarm everyday in a week at setting time Month: alarm everyday in a month at setting time Year: alarm everyday in a year at setting time
		Week option	available in cycle type of week. According to different need, user can assign different day for alarm in a week
		Time	set the alarm time. Format: hour: minute
		Date	set working date of alarm clock. Format: year-month-day In single cycle type, Year/month/day are all necessary setting menu. In week cycle type, all setting of year/month/day are necessary. In month Cycle type, DAY is necessary setting. In Year cycle type, Day and month are necessary setting.
13	SYSTEM FORMAT	FORMAT FLASH	
		FORMAT SD CARD	
14	PROGRAM VERSION	Display current software version	
15	Background image setting	Background image of intercom and startup picture.	
16	Restore default	Recovery the system	
17	Language	Select system language	

9. Parameters of picture capturing function

Storage location	Resolution ratio	Pictures quantity
Internal flash	320 x 240	Max 60 pcs
External micro SD card	640 x 480	Depends on the capacity of micro SD card

Note: Under low memory conditions, it will automatically delete old photos.

10. Specification

1	Power source	AC100V-240, 50-60Hz
2	Power consumption	7W (Max), 1W(standby)
3	Operation temperature	0°C to +40°C
4	Operation humidity	0% -95%
5	Display panel	7"
6	Intercom function	Hands-free
7	Connection	4 wires + 2 power wires
8	Dimension	210mm x 116mm x 25mm
9	Weight	417g

na·de®

www.na-de.com.tr

info@na-de.com.tr

0800 261 78 05

Na-de Elektronik Sanayi ve Ticaret A.Ş.