



# **User Manual**



# REMARK

Please follow the user manual for correct installation and testing. If there is any doubt please call our tech-supporting and customer center.

Our company applies ourselves to reformation and innovation of our products. No extra notice for any change. The illustration shown here is only for reference. If there is any difference, please take the actual product as the standard.

The product and batteries must be handled separately from household waste. When the product reaches the end of service life and needs to be discarded, please contact the local administrative department and put it in the designated collection points in order to avoid the damage to the environment and human health caused by any disposal. We encourage recycling and reusing the material resources.



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# PRODUCT FEATURE

- 1. 7-inch capacitive touch screen
- 2. Powered by PoE or power adapter (DC12V/2A)
- 3. Dual network ports optional
- 4. Support WiFi
- 5. Support monitoring 8 IP cameras
- 6. Support TF card

# TECHNICAL PARAMETER

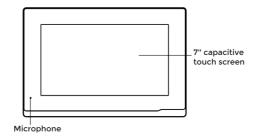
System: Linux Front Panel: Plastic Power Supply: PoE (802.3af) or DC 12V/2A Standby Power: 2 W Rated Power: 9 W Ethernet Port: 1 x RJ45, 10/100 Mbps adaptive Resolution: 1024 x 600 Working Temperature: -10°C to +55°C Storage Temperature: -40°C to +70°C Working Humidity: 10% to 90% (non-condensing)

# PACKAGE CONTENT

#### MODEL: E217

				Ø
E217	Wiring Cover	PM4×20 (2 pcs)	Diode (8 pcs)	Wires
	$\mathbf{Q}$			
Quick Start Guide	Desktop Stand (Optional)			

# **OVERVIEW**

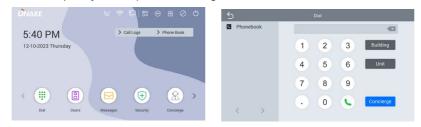




# **BASIC OPERATION**

# 1. Call

Go to Dial and enter Building number + Building + Unit number + Unit + Room number + dial icon to call Indoor Monitor (such as 1 + Building + 1 + Unit + 1111 + Dial button). Or you can press Concierge here to call Master Station.



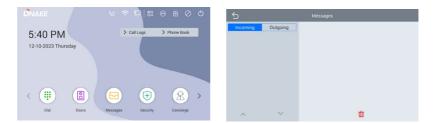
#### 2. Doors

Click Doors icon on Indoor Monitor's homepage to monitor Door Station. You can unlock by clicking door icon or switch to monitor other devices by clicking arrow or the name above.

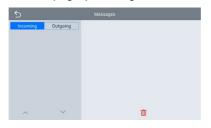


#### 3. Message

Indoor Monitor can receive the messages sent by the CMS, Master Station or Indoor Monitor. Up to 64 records can be received in SMS.

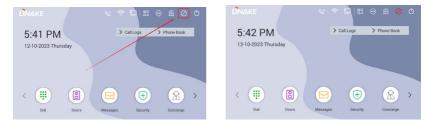


Click + icon on Outgoing page. Users can send message to Indoor Monitor or Master Station. Before sending message, users need to fill in the receiver's IP address on Indoor Monitor webpage (Concierge IP in Intercom > Call column).



#### 4. DND

Click DND icon on the right upper corner to enable do not disturb function. No calls can call in. Users can set DND to turn on whole day or a period of time.



## 5. Cameras

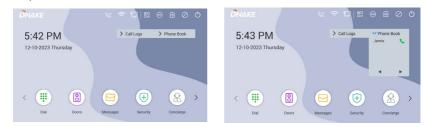
On the 2<sup>nd</sup> homepage, click Cameras. Up to 8 IPC can be added. Users need to log in Indoor Monitor's webpage to fill in cameras' RTSP. You can switch to

monitor other devices by clicking arrow or the name above. You can also add more cameras by clicking the icon on the right upper corner.

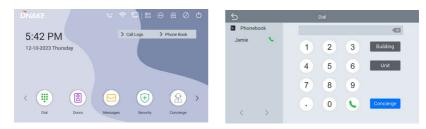


#### 6. Phonebook

Click phone Book.



Or go to Dial > Phonebook. Select the name on the phonebook and press dial button to call.



#### 7. QR Code

Click QR Code and scan by Smart Life app to add this Indoor Monitor to your phone. Only when the license is filled in Internet-connected Indoor Monitor, QR code will be available.



# 8. Security

Security is for sensors. The default password is 1234.



# 8.1. ON/OFF



ON:	Click Out, Home, or Sleep icon to activate the scene for alarm sensors, the icon on the main interface will light up with a beep sound;
OFF:	Click OFF to disable scene;

# 8.2. Zone

			_	
NO.	Туре	Mode	Delay	Sensor
1	24 Hour 🔻	3C 🔻	0s 🔻	Smoke 🔻
2	24 Hour 🔻	3C 🔻	0s 🔻	Smoke 🔻
3	24 Hour 🔻	3C 🔻	0s 🔻	Smoke 🔻
4	24 Hour 🔻	3C 🔻	0s 🔻	Smoke 🔻
		• •		
		ОК		

Туре:	<ul> <li>Normal: When users enable an alarm scene on the On/Off page, Normal type alarm zone will be activated after activation time.</li> <li>100 seconds is the default activation time, it</li> </ul>
	<ul> <li>means the alarm will be activated after 100 seconds.</li> <li>After 100s, once sensor is triggered, Indoor Monitor will send this alarm to Master Station.</li> </ul>
	<ul> <li>But sometimes users don't want to send the alarm to Master Station (maybe alarm by mistake), users can set the Delay time, so they can cancel the alarm in the Indoor Monitor during this Delay time (PIR, Door, Window);</li> </ul>
	• Emergency: once Panic button is triggered, Indoor Monitor will not initiate an alarm and only Master Station will receive alarms secretly; 24 hours standby even if the security is off (Panic, Pull Cord);
	<ul> <li>24 Hour: Indoor Monitor will initiate an alarm and Master Station will also receive alarms. 24 hours standby even if the security is off (Smoke, Gas, Flood);</li> </ul>
Mode:	<ul> <li>3C: for the sensor with 2.2KΩ resistance; Regardless of the connection to NC or NO, the alarm can be triggered normally;</li> <li>NO: normally open;</li> <li>NC: normally closed;</li> <li>BELL: in BELL mode, Master Station will not</li> </ul>
Delay:	<ul> <li>DELL: In DELL mode, Master Station will not receive any alarm. Indoor Monitor is regarded as a doorbell receiver;</li> <li>Once sensor is triggered, Indoor Monitor will</li> </ul>
Doldy.	send this alarm to Master Station, but users can

	terminate the alarm sending to Master Station during the delayed time set here. Delay setting is only effective for Normal type (0s, 5s, 15s, 20s, 25s, 40s, 60s);
Sensor:	Sensor types (Smoke, Gas, PIR, Door, Window,
	Panic, Flood, Pull Cord, Bedside);

# 8.3. Scene



Activation Time:	Only after activation time, will scene be activated. Activation time is only effective for Normal type (NONE, 30s, 40s, 60s, 100s, and 300s);
Mode:	Tick to link sensors to Out, Home, or Sleep scene;

# 8.4. Setup

5	Setup	
Password	Old	
	New	
	Confirm	
		ОК

Old:	Current security password of the Device (Default 123456);
New:	New security password of the Device;
Confirm:	Confirm security password of the Device;

# 9. Concierge

Press the Concierge icon to call Master Station one by one.



#### 10. Elevator

Press the Elevator icon to control elevator (Elevator Control Module is needed).



## **11. Add More Indoor Monitors**

Keep Building, Unit, Apartment No., Sync the same as other Indoor Monitors, and Device number should be different. The Device number can be from 0 to 9. But you must have one Indoor Monitor's Device number is 0 and keep it online because 0 here stands for the main one.

5		Advanced Settings
Network	Building	1
Room	Unit	1
SIP	Apartment No.	1112
Password	Device	0
Reset	Sync	527642
		ОК

Or go to Indoor Monitor's webpage and find Ex Phone in Intercom > Call. Users can directly extend to more Indoor Monitors by filling in sip:IP address (6 Max)

such as sip:192.168.68.90. (Please refer to WEB SETTING for the way to access to webpage)

DNAKE		🔮 English 🐖 Hello, admin 🗠
B General ^	Call Conderge	
Information	URL	
Basic		
Time	E Saw	
Password		
System		
a Intercon	Advanced	
Device	Multiant ()	
Network	Metage IP	
SIP		
Cal .	Ex Phone	
Phonebook		
Call Logo	+ UAL	
A Security ~	sp/10.106.68.90	
Zone	🗵 See	
Scene		
Advanced	Settings	
Rafay		
PC	log line 35 i v	
More	GiTm	
	120 f 100 V	
	(B) Saw	

#### 12. SIP Setting

Users can directly configure SIP on the device's Setup > More > SIP page.

5	Advanced Settings	S Advanced Settings
Network	SIP 💿	Network SIP Server 192.168.68.1 Port 5060
Room	Display Name 3006	Room Outbound Proxy Port 5060
SIP	Register Name 3006	SIP Transport Protocol UDP V
Password	Username 3006	Password Video Payload 102
Reset	Password ****	Reset
	∧ ∨ ОК	~ ~ ок

## 13. SOS

Users can press SOS icon on the right upper corner to send SOS to Master Station. Users can set the trigger time length on the webpage. If the time is set to 3s, users need to press the SOS icon for 3s to send out SOS in case of a wrong operation alarm.



#### 14. Screen Lock

Users can lock the screen by enabling Screen Lock on the device's Setup > General >Display page. The screen will be locked after screen off timeout (Unlock password is the security password. The default password is 1234).

5		Setup		
General	Display	Intercom	Date & Time	Language
WiFi	Brightness			
DND	Sleep Time	1 minute 🔻		
Doors	Screen Lock	0		
Reboot				
Version				
More				

# **DEVICE SETTING**

Connect Indoor Monitor and other devices to a network switch in the same LAN.



1. General

# 1.1. Display

5		Setup		
General	Display	Intercom	Date & Time	Language
WiFi	Brightness			
DND	Sleep Time	1 minute 🔻		
Doors	Screen Lock	0		
Reboot				
Version				
More				

Brightness:	Screen brightness adjustment;
Sleep Time:	Screen sleep time (15s, 30s, 1min, 2mins,
	5mins, 20mins, 30mins);
Screen Lock:	The screen will be locked after screen off timeout (Unlock password is security password. The
	default password is 1234);

#### 1.2. Intercom

5		Setup		
	Display	Intercom	Date & Time	Language
WiFi	System Vol.			-0
DND	Intercom Vol.			<u> </u>
Doors	Ringtone	Ringtone 01 🔻	)	
Reboot	Key Tone		Call From Monitor	$\bigcirc$
Version	Auto Answer	0	Hang Up After Unlocking	0
More				

System Vol:	Volume of System can be set from 1 to 6.
	Volume 6 is the maximum volume (Key tone);
Intercom Vol:	Volume of Intercom can be set from 1 to 6.
	Volume 6 is the maximum volume (Call volume);
Ringtone:	The ringing sound (Ringtone 01-04);
Key Tone:	The keytone (Enable or disable);
Call From Monitor:	Enable to receive the call from other indoor
	monitors.
Auto Answer:	Pick up automatically when receiving a call;
Hang Up After Unlocking:	Hang up automatically after unlocking doors.

# 1.3. Date & Time

5		Setup		
	Display	Intercom	Date & Time	Language
WiFi	Auto			
DND	Date	2023-09-18	Time	10:38:22
Doors	TimeZone	+08:00		
Reboot	12H/24H	12H 🔻		
Version	Date Format	DDMMYYYY 🔻		
More	NTP	pool.ntp.org		

Auto:	Enable to synchronize computer time;
Date&Time:	Date and time can be set manually;
Time Zone:	A region that observes a uniform standard time;
12H/24H:	Select 12H or 24H format to display on the
	device;
Date Format:	3 time formats supported (YYYY-MM-DD, DD-
	MM-YYYY, MM-DD-YYYY);
NTP:	Network Time Protocol (NTP) is a protocol used
	to synchronize NTP time;

# 1.4. Language

5		Setup		
General	Display	Intercom	Date & Time	Language
WiFi	E	inglish		
DND	Г	עבריו		
DIAD		eutsch		
Doors		ispañol ürkçe		
Reboot		iếng Việt		
Version	Ν	lederlands		
More		~	~	
More				

Language:	16 languages supported (简体中文, English, 繁體
	中文, עִברִית, Deutsch, Español, Türk, Tiếng Việt,
	Nederlands, Português, Polski, Русский, عربي,
	Français, Italiano, slovenský);

# 2. WiFi

5		Setup
General		
WiFi	WLAN	
DND	SSID	test-test
Doors	Status	Connected
Reboot		
Version		
More		

WLAN:	Enable to use WiFi;
SSID:	Select WiFi to connect;
Status:	The status of WiFi.

# 3. DND



DND:	DND is disabled by default.
	Whole Day: when DND is enabled, it will reject
	calls for the whole day.
	Duration: when DND is enabled, it will reject calls
	during this time.

#### 4. Doors

You need to click search icon to add Door Stations to Indoor Monitor and click Save to save before monitoring. Click funnel icon to pin the selected device to the top. Click pen icon to edit devices.

5			Setup			
General	NO.	ID		Туре		Name
WiFi	1	1019902		Door		Door02
DND						
Doors						
Reboot						
Version						
More	^	$\sim$	Q	ŤΞ	0_	Save

#### 5. Reboot

You can click "OK" to reboot indoor monitor.

5	Setup
General	
WiFi	
DND	
Doors	Sure to reboot now?
Reboot	
Version	
More	ок

# 6. Version

5	Setup		
General	Firmware Version	160M.1.1.0.12.A_20230912	
WiFi	IP	192.168.68.100	
DND	MAC	BC:F8:11:01:0B:02	
Doors	WiFi IP	192.168.68.105	
Reboot	WiFi MAC	FC:EE:E6:47:BD:7B	
	SIP	Disabled	
Version			
More			

Firmware Version:	Firmware version of the device;
IP:	Current IP address of the device;
MAC:	MAC address of the device;
WiFi IP:	Current WiFi IP address of the device;
WiFi MAC:	WiFi MAC address of the device;
SIP:	Status of SIP registration of the device;

# 7. More > Network

The device network can be set to either DHCP or a static IP address. CMS parameters should be configured here when you try to register this device to CMS.

5	Advi	anced Settings
Network	DHCP	۲
Room	IP	192.168.55.86
SIP	Mask	255.255.255.0
Password	Gateway	192.168.55.254
Reset	DNS	192.168.1.253
	CMS IP	192.168.68.1
		ОК

DHCP:	Enable DHCP (Dynamic Host Configuration Protocol) to dynamically distributing network configuration parameters;
IP:	Configure Static IP address to manually distributing network configuration parameters;
Mask:	Subnet mask;
Gateway:	A component that is part of two networks, which use different protocols;
DNS:	Domain Name Server of the device;
CMS IP:	Server address of CMS;

# 8. More > Room

5		Advanced Settings
Network	Building	1
Room	Unit	1
SIP	Apartment No.	1111
Password	Device	0
Reset	Sync	02323
		ОК

Building:	Number of the building (Range: 1-999);
Unit:	Number of the unit (Range: 0-99);
Apartment No.:	Number of the apartment (Range: 0-9899);
Device:	Number of the device (Range: 0-9);
Sync:	A number used to synchronize to other Indoor
	Monitors;

# 9. More > SIP

5		S Advanced Settings
Network	SIP 🔘	Network SIP Server 192.168.68.1 Port 5060
Room	Display Name 3006	Room Outbound Proxy Port 5060
SIP	Register Name 3006	SIP Transport Protocol UDP V
Password	Username 3006	Password Video Payload 102
Reset	Password ****	Reset
	л v ОК	~ ~ ок

SIP:	Enable to use SIP;
Display Name:	Display name of SIP account;
Register Name:	Register Name of SIP account;
Username:	Username of SIP account;
Password:	Password of SIP account;
SIP Server Host:	Directly fill in SIP server's address e.g.,
	192.168.68.90;
	The default port is 5060;
Outbound Proxy:	Outbound Proxy server; the default port is 5060;
Transport Protocol:	Transport Protocol (UDP, TCP, TLS);
Video Payload:	Video payload range is 96-127;

# 10. More > Password

5		Advanced Settings
Network	Old	
Room	New	
SIP	Confirm	
Reset		
		ОК

Old Password:	Current administrator password of the Device (Default 123456);
New Password:	New administrator password of the Device;
Confirm Password:	Confirm administrator password of the Device;

### 11. More > Reset

5	Advanced Settings	
Network		
Room		
SIP		
Password	Reset to factory default?	0
Reset		
		ОК

Reset:	Reset to factory default;

# WEB SETTING

Connect Indoor Monitor and PC to a network switch in the same LAN. You can enter the IP address of Indoor Monitor in the web browser search bar and log in with the default account (admin) and password (123456). This is where you can configure the device.

To get the IP address, you can search by Remote Upgrade Tool installed in the same LAN with the devices.



#### 1. General

## 1.1. General > Information

When you first log in to the web interface, you can find basic information displayed in this dashboard.

DNAKE					English v Hello, admin v
S General ^					
Information	Product				
Basic Time	Model E217	Firmware Version 160M.1.1.0.14_A_20230915		MAC Address BC:F8:11:01:0B:02	
Password System	WFI MAC FC:EE:E6:47:BD:78	Framework 1.6.0 20230915		ui 1.1.0 20230915 16M	
el Intercom ∽					
Device	Network				
Network SIP Call	DHCP Enabled	IP Address 192.168.68.100		Mask 255.255.255.0	
Phonebook Call Logs	Gateway 192.168.68.1	DNS 192.168.98.198			
A Security ^	SIP Account				
Zone Scene	Account 5004		Status Register Success		
Advanced	3004		register auccess		
Ralay IPC	CMS IP 192.168.68.1		Status Register Failed		
More					

T	
Model:	Model of the device;
Firmware Version:	Firmware version of the device;
MAC Address:	MAC address of the device;
Framework:	Framework of the device;
UI:	UI of the device;
DHCP:	Status of DHCP;
IP Address:	Current IP address of the device;
Mask:	Subnet mask of the device;
Gateway:	Gateway of the device;
DNS:	Domain Name Server of the device;
Account:	SIP account of the device;
Status:	Status of SIP registration of the device;
CMS IP:	IP address of CMS;
Status:	Status of CMS registration;

# 1.2. General > Basic

Some basic settings of the device can be configured in this column.

DNAKE		B Sight + Tellcapier
Rinni + 1		
Internation	Date	
Inc	bons .	
Tex		
Reasoni	See	
Spline.	(Jeen x)	
A record a	C foreist	
Sealer		
faturet		
59 Cal	Impap	
Paralant		
Cif Lipi	14940 v 14940 v	
A Story A		
Inc		
Low		
0.10100	l Marcan	
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Marc	Hours 52	
	Low Control of Control	
	auguar Banguar N	
	The first sector of the sec	
	() Julion	
	1 0e	
	And     Onlog	
	○ Malag	

Brightness:	The brightness of the screen;
Sleep:	Screen off timeout (15s, 30s, 1min, 2mins, 5min s, 10mins, 30mins);

<u> </u>	
Screen Lock:	The screen will be locked after screen off timeout (Unlock password is security password. The def ault password is 1234);
Language:	16 languages supported (简体中文, English, 繁體
	中文, עָבִרִית, Deutsch, Español, Türk, Tiếng Việt,
	Nederlands, Português, Polski, Русский, عربي, Fr ançais, Italiano, slovenský);
System Vol:	Volume of System can be set from 1 to 6. Volum e 6 is the maximum volume (Key tone);
Intercom Vol:	Volume of Intercom can be set from 1 to 6. Volu
	me 6 is the maximum volume (Call volume);
Ringtone:	The ringing sound (Ringtone 01-04);
Key Tone:	The keytone (Enable or disable);
Auto Answer:	Pick up the phone automatically when receiving a call;
Call From Monitor:	Enable to receive the call from other indoor moni tors.
Hang Up After Unlocking:	Hang up automatically after unlocking doors.
DND:	DND is disabled by default.
	Whole Day: when DND is enabled, it will reject
	calls for the whole day.
	Duration: when DND is enabled, it will reject calls during this time.

# 1.3. General > Time

Time of the device can be configured. Daylight Saving Time is also supported.

<b><i>DNAKE</i></b>		O English v Helio, edmin v
S General A		
information	Tree	
Basic	Auto (Tim)	
Time	+ 0094/Time	
Password	1220-013154000 D	
System	* N/2 US	
J intercom	positive	
Device	The Zone	
Network	Unt-staat v	
5.9	124(24)	
01	124 1	
Phonebook	Desiferrat	
Call Logs	BENNENNA	
A Security A	B see	
Zone		
Scene	Duylight saving Time	
& Advanced A		
Relay	C Bejährswing Tree	
IPC .	Set Tex	
More		
	20 The	
	Offset Time	
	Direct International Control of C	

Auto (Time):	Enable to synchronize computer time;
Date&Time:	Date and time can be set manually;
NTP URL:	Network Time Protocol (NTP) is a protocol used t
	o synchronize NTP time;
Time Zone:	A region that observes a uniform standard time;
12H/24H:	Select 12H or 24H format to display on the devic
	e;
Date Format:	3 time formats supported (YYYY-MM-DD, DD-M
	M-YYYY, MM-DD-YYYY);
Daylight-saving Time:	Enable to set DST;
Start Time:	The beginning of DST;
End Time:	The ending of DST;
Offset Time:	The default value is 60 minutes;

#### 1.4. General > Password

The System password is for the administrator to log in settings on the device while the Web password is for the administrator to log in settings on the web. The default password for both of them is 123456. User for Indoor Monitor is the security password whose default password is 1234.

DNAKE	٥	) English \vee Helio, admin 🗸
S General		
Information	Password	
Basic	System • Old Password	
Time	8	
Password	User * New Passood	
System	Web Ø	
P Intercom	* Confirm Password	
Device	æ	
Network	B Anno B	
SIP		
GI		
Phonebook		
Call Logs		
R Security ^		
Zone		
Scene		
Advanced     ^		
Relay		
IPC		
More		

System Old Password:	Current administrator password of the Device (Default 123456);
System New Password:	New administrator password of the Device;
System Confirm Password:	Confirm administrator password of the Device;

User Old Password:	Current security password of the Device (Defau It 1234);
User New Password:	New security password of the Device;
User Confirm Password:	Confirm security password of the Device;
Web Old Password:	Current administrator password of the web (Def
	ault 123456);
Web New Password:	New administrator password of the web;
Web Confirm Password:	Confirm administrator password of the web;

#### 1.5. General > System

The system column is designed for factory default and device reboot.

DNAKE		English v Hello, admin v
🗟 General 🔷 ^		
Information	System	
Basic		
Time	Reset	
Password	Dest .	
System	Reboot	
Intercom ^	Reboot	
Device		
Network		
SIP		
Call		
Phonebook		
Call Logs		
A Security ^		
Zone		
Scene		
Advanced     ^		
Relay		
IPC		
More		
	Reset: Reset to factory settings:	

Reset:	Reset to factory settings;
Reboot:	Reboot the device;

#### 2. Intercom

## 2.1. Intercom > Device

Numbers here are basic settings for making a call to Indoor Monitor. For Door Station, the building and unit number should be the same as those in Indoor Monitor.

For Villa Station with one button, the building, unit, and room number should be the same as those in Indoor Monitor.

When users want to use more than 1 Indoor Monitors, keep Building, Unit, Apartment No., Sync the same as other Indoor Monitors, and Device number should be different. The Device number can be from 0 to 9. But you must have one Indoor Monitor's Device number is 0 and keep it online because 0 here stands for the main one.

DNAKE		Briglich V Helia admin V
E General ^		
Information	Device	
Basic	* Building ①	
Time	1	
Password	• Unit ()	
System	1	
a intercom	* Room ()	
Device	1111	
Network	* Device No. ①	
SIP	0	
Call	* Sync	
Phonebook	02323	
Call Logs	D Save	
A Security ^		
Zone		
Scene		
Advanced     ^		
Relay		
IPC		
More		

Building:	Number of the building (Range: 1-999);
Unit:	Number of the unit (Range: 0-99);
Room:	Number of the apartment (Range: 0-9899);
Device No:	Number of the device (Range: 0-9);
Sync:	A number used to synchronize to other Indoor M
	onitors;

## 2.2. Intercom > Network

The device network can be set to either DHCP or a static IP address. CMS parameters should be configured here when you try to register this device to CMS.

DNAKE		🛛 Orgich \vee Helis admin V
E General A	Ebenet	
internation.		
tere .	12 Mars	
Dea	107 and 107 and 108 and 109 and 10	
Password	- Mag	
System	255 25 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
J intercon A	- Genay	
Device		
Netrok	105	
52		
Call		
Pranaback		
Call Logs	20-14	
A secrety A		
Zone	26.0 K	
Some		
B Advanced in in		
Table	XXANCAN INFANCAN	
14		
Vov	O Bhavai	
	\$ 15.1	
	Replate To CMS	
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# 2.3. Intercom > SIP

The SIP column concerns SIP registration, Display Name, Register Name,

Username, Password, SIP Server Host, Outbound Proxy, Transport Protocol, Video Payload, etc.

DNAKE		
III General ^		
Information	SIP	
Basic	SP SP	
Time	Display Name	
Pasaword	Test	
System	Register Name	
J Intercom A	5004	
Device	* Username	
Network	5004	
SIP	* Password	
Call		ø
Phonebook	* SIP Server Host	• Port ()
Call Logs	192.168.1.150	7788
A Security ^	Outbound Prory	• Port ①
Zone		5060
Scene	* Transport Protocol	
Advanced	UDP	
Relay	* Video Payload ()	
IPC	102	
More	(0) Sove	

SIP:	Enable to use SIP;
Display Name:	Display name of SIP account;
Register Name:	Register Name of SIP account;
Username:	Username of SIP account;
Password:	Password of SIP account;
SIP Server Host:	Directly fill in SIP server's address e.g.,
	192.168.68.90;
	The default port is 5060;
Outbound Proxy:	Outbound Proxy server; the default port is 5060;
Transport Protocol:	Transport Protocol (UDP, TCP, TLS);
Ring Code:	Ring code. Without SDP or with (180 or 183);
Video Payload:	Video payload range is 96-127;

## 2.4. Intercom > Call

Ring group is for setting up SIP calls or call mode. Concierge button, extension of other Indoor Monitors, the length of the call, and ring time can also be configured here.

DNAKE		Inglish v Hello, admin v
E General ^	Call Concirege	
Information Basic	URL	
Time		
Pessword	C Saw	
System		
J Intercom	Advanced	
Device	C Mutant O	
Network	Newsel P	
SIP	I REALINE P	
Call	Ex Phone	
Call Logs		
A Security A	+ UFL spr102.168.88.90	
Zone	0 see	
Scene		
Advanced		
Relay	Settings	
IPC	Rog Tene	
More	83 0	
	Cal Tree  120 5  v	
	(b) Saw	

Call Concierge URL:	<ul> <li>Fill in the call destination for concierge button or the single button on the device;</li> <li>IP call: Fill in sip:IP address, e.g., sip:192.168.68.90;</li> <li>SIP call: Fill in sip:sip account@SIP server address:port, e.g., sip:101@192.168.68.90:5060;</li> </ul>
Multicast:	Enable to receive broadcast from Master Station;
Message IP:	Fill in the message receiver's (Indoor Monitor or Master Station) IP address. The message edited on Indoor Monitor will send to this destination;
Ex Phone:	Extend to more Indoor Monitors by filling in sip:IP address (6 Max) such as sip:192.168.68.90 (6 M ax);
Ring Time:	The ring will be ended automatically after a perio d of time (10s, 20s, 35s, 45s, 60s, 90s, 120s)
Call Time:	The call will be ended automatically after a perio d of time (120s, 300s, 600s, 1200s, 1800s);

# 2.5. Intercom > Phonebook

All contacts on Indoor Monitor can be edited here.

DNAKE				English v Helio, admir
General ^				
Information	Phonebook			
Basic	Whitelist			
Time	Name	Number	Group	
Password				
System				Q. Search Reset
Intercom ^				
Device	+ Add Delete All			Import Export
Network	No. Vame	Number	Group	Action
SIP	1 Jamie	1111	Phonebook	۷
Call				< 1
Phonebook				
Call Logs				
Security ^				
Zone				
icene				
Advanced ^				
lelay				
PC				
Acre				

Whitelist:	Enable whitelist to block other calls outside of th e whitelist. For example, Ana is in the whitelist b ut Nyree isn't in it. Ana can call in while Nyree ca n't;
Search:	Fill in text inputs to search;
Reset:	Click reset to clear words in text inputs;
Add:	Click to add more contacts;
Delete All:	Delete all data on the chart;
Import:	Import all data to the chart;
Export:	Export all data on the chart;

# 2.6. Intercom > Call Logs

All call logs can be checked here.

DNAKE						English ~ Hello, admin ~
B General ^						
Information	Call Logs					
Basic	Туре		DateStTime			
Time			∨ Start date			Q. Search Reset
Paseword						
System	Delete All					Export
J Intercom A	No.	Type	Name	Number	Duration	Date&Time
Device	D 1	Answer	Wila01	10001011111	25	2023-09-28 11:11:11
Network	□ 2	Answer	Vila01	10001011111	23	2023-09-28 11:08:43
SIP		Answer	Wils01	10001011111	34	2023-09-28 11:00:29
Call	0.4	Answer	VilaD1	10001011111	24	2023-09-28 10:41:00
Phonebook Call Logs	. 5	Answer	Wils01	10001011111	45	2023-09-28 10:40:49
Security ^	D 6	Actanae	Vila01	10001011111	3a	2023-09-28 10:22:30
Zone	. 7	Answer	Wila01	10001011111	34	2023-09-28 10:22:19
Scene	. 8	Acover	Vila01	10001011111	45	2023-09-28 09:08:36
Advanced o	9	Answer	Vila01	10001011111	66	2023-09-28 09:08:24
Relay	. 10	Answer	Wila01	10001011111	95	2023-09-28 09:07:07
IPC More						< 1 2 >

Search:	Fill in text inputs to search;		
Reset:	Click reset to clear words in text inputs;		
Delete All:	Delete all data on the chart;		
Export:	Export all data on the chart;		

# 3. Security

## 3.1. Security > Zone

Zone column is the setup page for security sensors.

<b>DNAKE</b>					English v Helia, admin v
General ^	6				
Information	Zone				
Basic					
Time	No.	Туре	Mode	Delay	Sensor
Password	1	24 Hour	3C V		Smoke
System					
Intercom •					Smoke
Device	2	24 Hour V	. × 21		Smoke ~
Network					
SIP	3	24 Hour 🔗	30 🔗		Smola v
Call					
Phonebook	4	24 Hour 🗸 🗸	3C 🗸		Smoke V
Call Logs					
Security		24 Hour V	3C V		Smoke
Zone					
Scene					
Advanced ^	6	24 Hour V	3C Y		Smoke
Relay					
IPC	7	24 Hour 🔍	3C 🗸		Smoke 🗸
More		24 Hour	3C 🗸		Smoke

Туре:	<ul> <li>Normal: When users enable an alarm scene on the On/Off page, Normal type alarm zone will be activated after activation time.</li> <li>100 seconds is the default activation time, it means the alarm will be activated after 100 seconds.</li> <li>After 100s, once sensor is triggered, Indoor Monitor will send this alarm to Master Station.</li> <li>But sometimes users don't want to send the alarm to Master Station (maybe alarm by mistake), users can set the Delay time, so they can cancel the alarm in the Indoor Monitor during this Delay time (PIR, Door, Window);</li> <li>Emergency: once Panic button is triggered, Indoor Monitor will not initiate an alarm and only Master Station will receive alarms secretly; 24 hours standby even if the security is off (Panic, Pull Cord);</li> <li>24 Hour: Indoor Monitor will also receive alarms. 24 hours standby even if the security is off (Smoke, Gas, Flood);</li> </ul>
Mode:	<ul> <li>3C: for the sensor with 2.2KΩ resistance; Regardless of the connection to NC or NO, the alarm can be triggered normally;</li> <li>NO: normally open;</li> <li>NC: normally closed;</li> <li>BELL: in BELL mode, Master Station will not rec eive any alarm. Indoor Monitor is regarded as a doorbell receiver;</li> </ul>
Delay:	Once sensor is triggered, Indoor Monitor will sen d this alarm to Master Station, but users can ter minate the alarm sending to Master Station durin g the delayed time set here. Delay setting is only effective for Normal type (0s, 5s, 15s, 20s, 25s, 40s, 60s);
Sensor:	Sensor types (Smoke, Gas, PIR, Door, Window, Panic, Flood, Pull Cord, Bedside);

# 3.2. Security > Scene

Scene column is for security sensors' trigger conditions.

8

Activation Time:	Only after activation time, will scene be activate d. Activation time is only effective for Normal typ e (NONE, 30s, 40s, 60s, 100s, and 300s);		
Mode:	Tick to link sensors to Out, Home, or Sleep scen e;		

# 4. Advanced

# 4.1. Advanced > Relay

Relay column is for Local Relay and Door Relay.

DNAKE				English v Hello, admin v
83 General ^				
Information	Relay			
Bassic	Local Relay			
Time	Relay Type	Relay Delay		
Password	Open Door	v 2s		
System				
a Intercom	Door Relay			
Device	Button 1			
	* Name	• Туре	* Value	
Network	Lock1	DTMF	×	
SIP	Button 2			
Call	Button 2			
Phonebook	* Name	* Type	* Value	
	Lock2	DTMF	V 0	
Call Logs	Button 3			
A Security ^				
Zone	* Name Lock3	* Type DTMF	Value	
Scene	0005	DIMP		
Advanced •	(B) Sine			
Relay				
IPC				
More				

Local Relay Type:	Type of local relay (Open Door is for lock/Chime Bell is for doorbell);				
Local Relay Delay:	The length of unlock delay time (1-9s);				
Unlock Button 1-3:	Enable or disable relays for unlock buttons;				
Name:	Customize name for unlock button;				
Туре:	Type 1-3: 3 types of unlock way are optional (Local Relay/DTMF/HTTP) HTTP——the format is http://192.168.3.119/cgi-				
	bin/webapi.cgi?api=unlock&index				
=2&username=admin&password					
	=E10ADC3949BA59ABBE56E057F20F883E;				
	Note:				
<ul> <li>"192.168.3.119" is the IP address of Door Station;</li> </ul>					
	<ul> <li>The number "2" after "index=" is the number for relay. (Relay 1 is 0; relay 2 is 1; relay 3 is 2);</li> </ul>				
relay 2 is 1; relay 3 is 2); • "admin" here should be changed to your admin account; • "Password" is Password of admin:					
	<ul> <li>"E10ADC3949BA59ABBE56E057F20F883E" here is MD5 (Message- Digest Algorithm) encrypted. Users need to use account password to encrypt and change it.</li> </ul>				
DTMF—Dual-tone multi-frequency signali					
	Relay1: #, Relay2:0, relay3: *;				

# 4.2. Advanced > IPC

You can enter the IP address of Indoor Monitor in the web browser search bar and log in with the default account (user) and password (1234). This is where you can add IPC.

<b>D</b> NAKE				Dinglish v Helio, admin v
S General ^	-			
Information	IPC			
Basic	+ Add C Delete All			
Time	No. Name		IPC URL	Action
Password				
System				
P Intercom				
Device				
Network	Only add up to 8 IP cameras.			
SIP				
Call				
Phonebook				
Call Logs				
A Security ^				
Zone				
Scene				
Advanced     A				
Relay				
IPC				
More				

DNAKE				
III General ^				
Information	IPC	Add	×	
Basic	+ Add C Dviete All	Name:	0/30	
Time	No. Name	* IPC URL:		Action
Password				
System			Cancel OK	
a intercom			No Dáta	
Device				
Network	Only add up to 8 IP cameras.			
SP				
Call				
Phonebook				
Call Logi				
A Security ^				
Zone				
Scene				
Advanced ^				
Relay				
IPC				
More				

Name:	Customize name of IPC;
IPC URL:	Fill in IPC's RTSP stream;

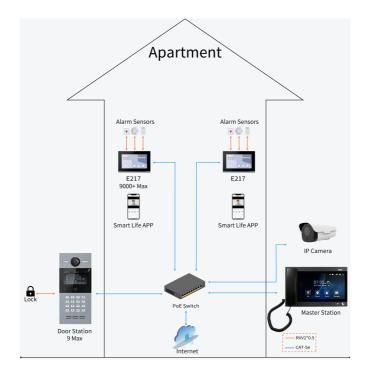
## 4.3. Advanced > More

More column is for SOS and Wallpaper.

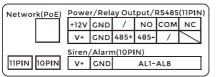
DNAKE		English v Helio, admin v
88 General ^		
Information	sos	
Basic	Trigger Tena	
Time	05 V	
Password	10 See	
System		
Intercom		
Device	Wallpaper	
Network		
SIP	+ Upbaad	
Call	Image resolution: 1024/900/000/480/2222 (pubject to the actual resolution of the device)	
Phonebook	Image format: PG-PMG PMG and public to the balance of the dentation	
Call Logs	image size <51208	
A Security ^	D Save D Reset	
Zone		
Scene		
Advanced *		
Relay		
IPC		
More		

SOS:	Trigger Time can be set to 0s and 3s. If the time
	is set to 3s, users need to press the SOS icon for
	3s to send out SOS in case of a wrong operation
	alarm.;

Wallpaper:	Upload a picture to apply it to the device UI. Please make sure the picture's resolution is the same as the device's and the size of the picture should be lower than 512KB. The format of Picture should be JPG or PNG:
------------	--



# **DEVICE WIRING**



RJ45	PoE	Power/Relay Output/RS485(11PIN)						
		+12V	GND	/	NO	сом	NC	
		V+	GND	485+	485-	/	$\geq$	
Siren/Alarm(10PIN)								
11PIN	10PIN	V+	GND	D AL1~AL8				
								۰.

Single Port

Dual Port

## 1. Network (PoE)

Single Port:

Network (PoE) interface is for the connection with PoE switch or other network switch.

Dual Port:

1. RJ45 interface is for providing the power and network for Villa Station (special version) directly from this Indoor Monitor, so Villa Station doesn't need extra power adaptor.

2. PoE interface is for the connection with PoE switch or other network switch.

PSE shall comply with IEEE 802.3af (PoE) and its output power not less than 15.4W and its output voltage not be less than 50V.

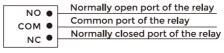


### 2. Power

The power interface of Indoor Monitor connects to 12V DC power.



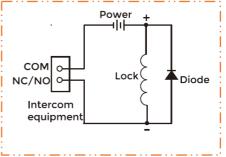
#### 3. Relay Output



**Relay Output** 

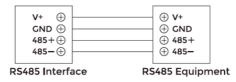
# **A** Warning!

 When connecting to an inductive load device such as a relay or electromagnetic lock, you are recommended to use a diode 1A/400V (included in the accessories) in antiparallel with the load device to absorb inductive load voltage peaks. The intercom will be better protected in this way.
 The load current of the relay cannot be greater than 2A. See attached picture for more details.



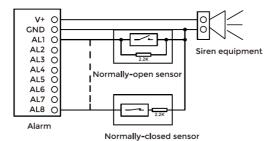
#### 4. RS485

Enable to connect equipment with RS485 interface. RS485 interface can output 12V/100mA power supply. If RS485 equipment to be connected doesn't require the power supply, there is no need to connect to +12V.



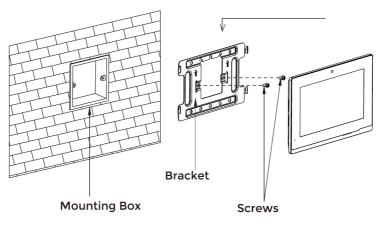
#### 5. Siren/Alarm

Interface of alarm zones connects with normally-open or normally-closed switch. When the alarm zone is triggered, it will output 12V/100mA power.



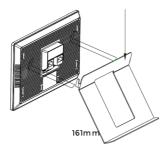
# INSTALLATION

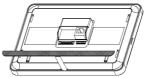
Surface Mounting-86 Mounting Box

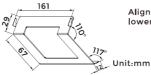


Product size: 195 × 130 × 14.5 mm

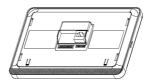
Assemble the hooks on two sides of the bracket into the groove on the rear cover.





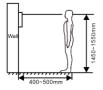


Align the edge of the silica gel pad with the lower edge of the casing, and paste the pad.



Product size: 195 × 130 × 14.5 mm

## Tips:



The camera should be 1450~1550mm above the ground.

The camera at this height can capture human face perfectly.

# TROUBLESHOOTING

#### The Indoor Monitor cannot start up or power off automatically.

Check whether it has power-failure, and power it on again

#### The Indoor Monitor display screen is too dim.

Check whether the brightness and contrast settings of screen are correct.

### No sound during the communication.

 Check whether the Indoor Monitor is set as mute mode, or the volume is set to the lowest.

#### The Indoor Monitor cannot monitor the Door Station.

Other user is using the system, so you can use it once he/she finished the operation.

#### Multimedia files cannot be played normally.

 Check whether the system supports the file format. Please refer to the multimedia setting for details.

### No response when clicking Indoor Monitor display screen.

 Press "Unlock" button for 5s, or slowly slide horizontally or vertically on the LCD to make touchscreen calibration. It needs to be calibrated.

#### Touchscreen responses slowly or cannot make calibration.

- Take down any protective paster, since it may affect identification
- and input for device;
- Ensure the finger is dry and clean when clicking touchscreen;
- Restart the device to clear any temporary software error.

#### The temperature of device is too high.

 Long-term use leads to high temperature. It's normal and will not affect the device's use life and performance.

# SAFETY INSTRUCTION

# In order to protect you and others from harm or your device from damage, please read the following information before using the device.

- Do not install the device in the following places:
- Do not install the device in high-temperature and moist environment or the area close to magnetic field, such as the electric generator, transformer or magnet.
- Do not place the device near the heating products such as electric heater or the fluid container.
- Do not place the device in the sun or near the heat source, which might cause discoloration or deformation of the device.
- Do not install the device in an unstable position to avoid the property losses or personal injury caused by the falling of device.

#### Guard against electric shock, fire and explosion:

- Do not use damaged power cord, plug or loose outlet.
- Do not touch the power cord with wet hand or unplug the power cord by pulling.
- Do not bend or damage the power cord.
- Do not touch the device with wet hand.
- Do not make the power supply slip or cause the impact.
- Do not use the power supply without the manufacturer's approval.
- Do not have the liquids such as water go into the device.

#### **Clean Device Surface**

 Clean the device surfaces with soft cloth dipped in some water, and then rub the surface with dry cloth.

#### Other Tips

- In order to prevent damage to the paint layer or the case, please do not expose the device to chemical products, such as the diluent, gasoline, alcohol, insect-resist agents, opacifying agent and insecticide.
- Do not knock on the device with hard objects.
- Do not press the screen surface. Overexertion might cause flopover or damage to the device.
- Please be careful when standing up from the area under the device.
- Do not disassemble, repair or modify the device at your own discretion.
- The arbitrary modification is not covered under warranty. When any repair required, please contact the customer service center.
- If there is abnormal sound, smell or fume in the device, please unplug the power cord immediately and contact the customer service center.
- When the device isn't used for a long time, the adaptor and memory card can be removed and placed in dry environment.
- When moving, please hand over the manual to new tenant for proper usage of the device.

