

# 2-Wire System

## Features

2-wire analog system is a 2-wire non-polarity system, with video intercom, monitoring, access control, auto-snapshot, built-in memory, broadcasting, communications among residents ...etc functions, currently max. support 32 apartments. It is the best choice for small apartment, villa, office, hospital and bank.

## System Function



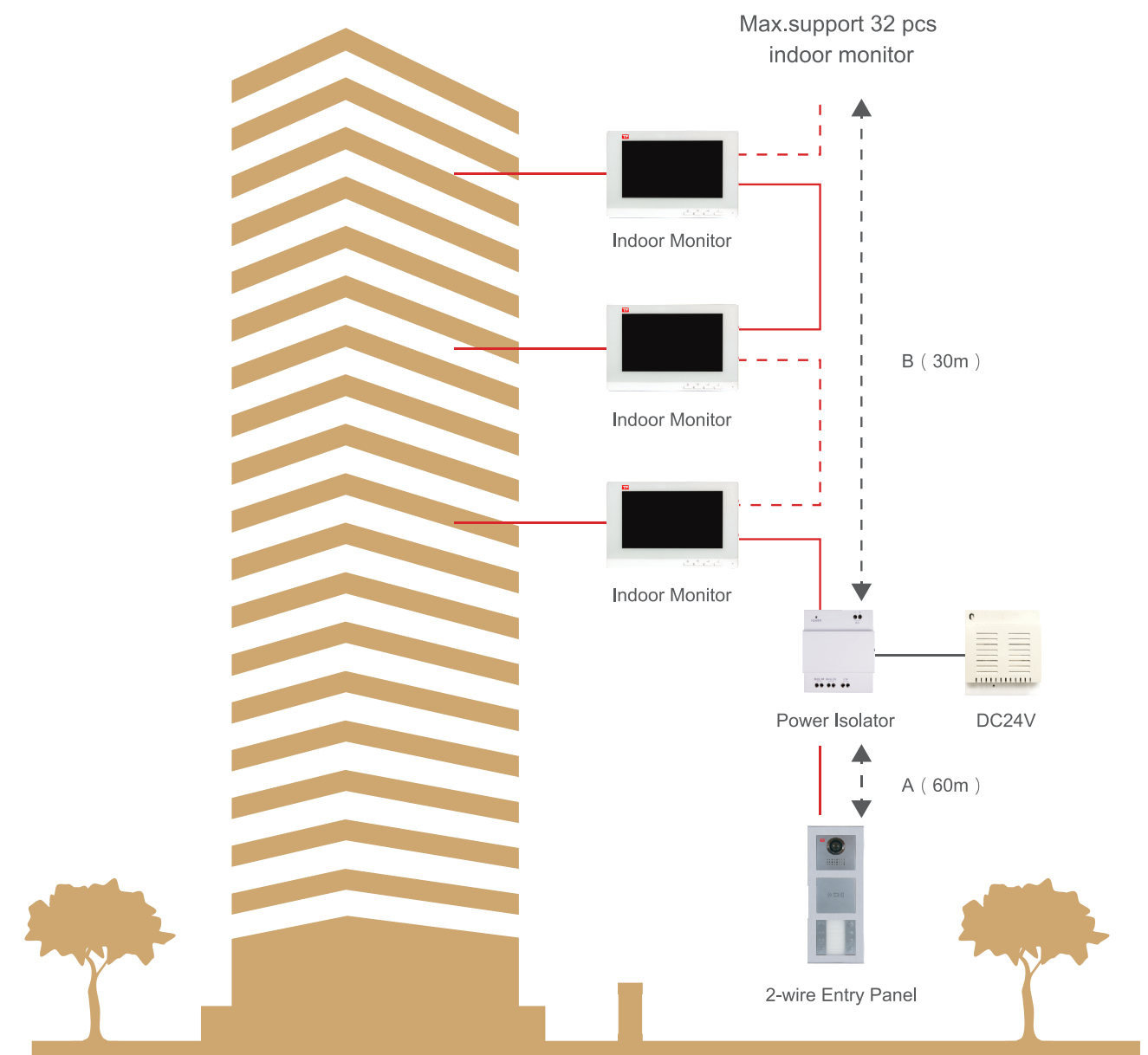
## System Diagram

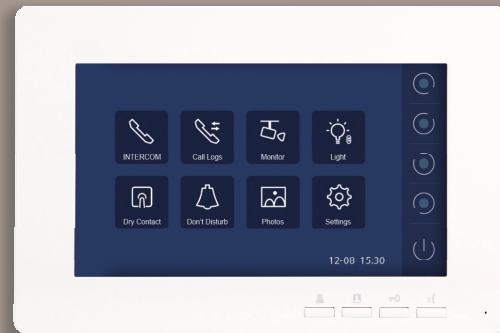
Entry Panel: 1PCS

Sub Indoor Monitor: 4PCS (With 1 main indoor monitor)

Indoor Monitor: 32PCS

IC / ID Card: 10PCS / Family, Max support: 1000PCS

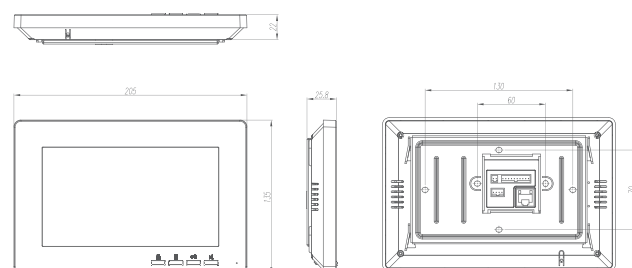




## Specification

- LCD Screen: 7" TFT capacitive touch screen
- Resolution: 800x480
- Operation: Touch Screen + Mechanical Button
- Memory Slot: Max. 16GB TF card
- Material: ABS
- Working Temperature:  $-10^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$
- Working Moisture: 10%~90%
- Power: DC24V supplied from Power Isolator
- Working Current:  $\leq 500\text{mA}$
- Installation: Surface mounted
- Product Dimension (WxHxD): 205x135x25.8mm

## Construction



## Special Function

### Indoor monitor key could be user-defined.

Residents could set shortcut keys in indoor monitor, and enjoy more convenient feeling.

### ONE-TOUCH function

Only one touch, indoor monitor could open the door when standby.

### Address Book

With address book function, You could check your neighbors' room No. and call directly.

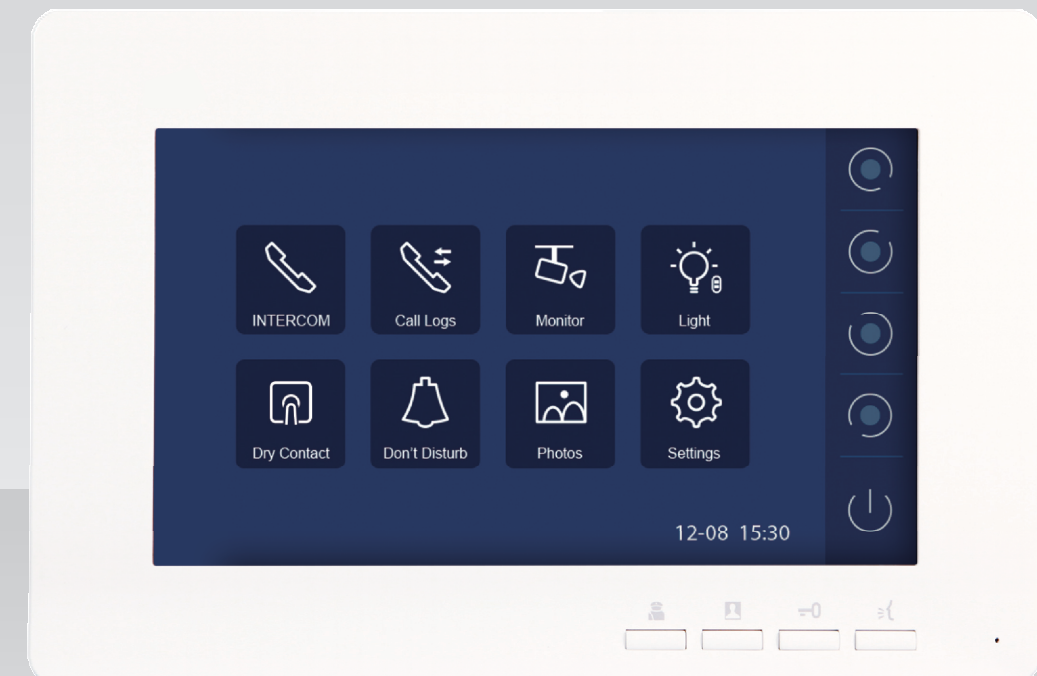
### Day&Night Ringtone Volume

Different ringtone volume could be set in day and night, to avoid disturbing family and neighbors.

### Call Recognition

Residents could recognize call is from Entry panel, door bell, neighbors or Admin center by setting different ring tone.

# Indoor Monitor A5



## Feature

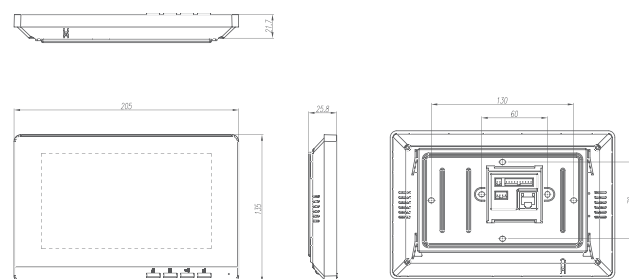
- Communications amongs apartment-to-apartment and within one apartment.
- Checking call-in, call-out, call back, missed calls and monitoring records
- Auto-snapshot, audio&video message storing.  
brightness / chroma / ringing volume / talk volume adjustment available
- Remote setting function (lock time & monitoring time setting)
- Bluetooth debugging
- Video intercom, Monitor and Unlock



## Specification

- LCD Screen: 7" TFT capacitive touch screen
- Resolution: 800x480
- Operation: Touch Screen + Mechanical Button
- Memory Slot: Max. 16GB TF card
- Material: Black/White Acrylic
- Working Temperature: -10°C +55°C
- Working Moisture: 10%~90%
- Power: DC24V supplied from Power Isolator
- Working Current: ≤500mA
- Installation: Surface mounted
- Product Dimension (WxHxD): 205x135x25.8mm

## Construction



## Special Function

### Indoor monitor key could be user-defined.

Residents could set shortcut keys in indoor monitor, and enjoy more convenient feeling.

### ONE-TOUCH function

Only one touch, indoor monitor could open the door when standby.

### Address Book

With address book function, You could check your neighbors' room No. and call directly.

### Day&Night Ringtone Volume

Different ringtone volume could be set in day and night, to avoid disturbing family and neighbors.

### Call Recognition

Residents could recognize call is from Entry panel, door bell, neighbors or Admin center by setting different ring tone.

# Indoor Monitor A6



## Feature

- Communications amongs apartment-to-apartment and within one apartment.
- Checking call-in, call-out, call back, missed calls and monitoring records
- Auto-snapshot, audio&video message storing.  
brightness / chroma / ringing volume / talk volume adjustment available
- Remote setting function (lock time & monitoring time setting)
- Bluetooth debugging
- Video intercom, Monitor and Unlock





## Feature

Modular Design

One-touch Entry Panel

Calls to residents, video intercom

1/4"1.3MP CMOS camera

120°super wide view angle

IR light compensation at night

Name plate light(body-induction)

IC/ID card access control

Anti-Tamper function

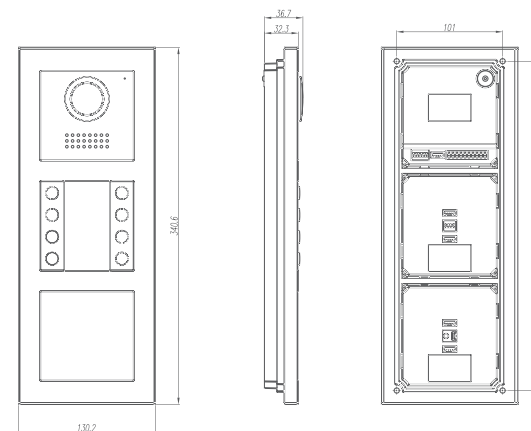
IP54

Max.32 indoor monitors+2 Entry Panels

## Specification

- Operation: Mechanical Button
- Material: Aluminium alloy
- Working Temperature: -30 °C +55 °C
- Working Moisture: 10%~90%
- Power: DC24V supplied from Power Isolator
- Working Current: ≤350mA
- Installation: Flush mounted
- Product Dimension(WxHxD): 130.2x340.6x36.7mm

## Construction



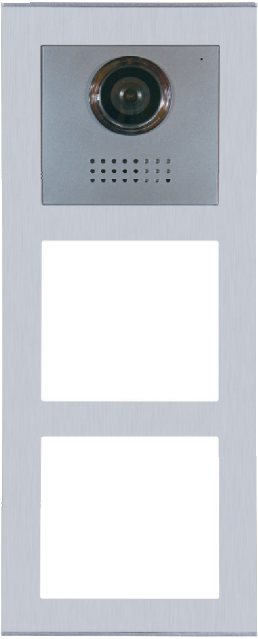
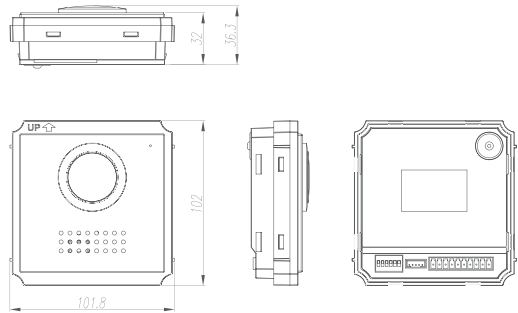
# Entry Panel M2K9



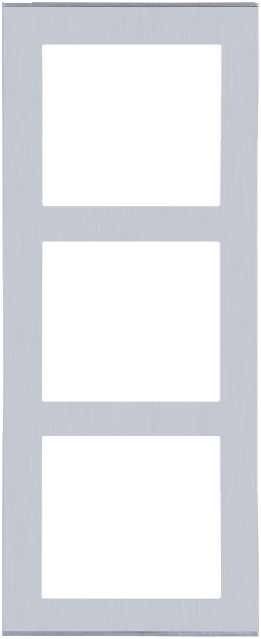
# Modular

## M2K9

### Construction



**M2K9-M**  
Main Panel



**M2K9-E**  
Sub Panel



**M2K9-C**  
Card Module



**M2K9-S2**  
Single Push  
Buttons- 2 push



**M2K9-D4**  
Double Push  
Buttons -4 push



**M2K9-B**  
Blank Push Button



**M2K9-S4**  
Single Push  
Buttons- 4 push



**M2K9-D8**  
Double Push  
Buttons -8 push

2-WIRE  
ANALOG  
SYSTEM  
PANEL



**M2K9-M**



**M2K9-E**



**M2K9-C**



**M2K9-S2**



**M2K9-S4**



**M2K9-D4**



**M2K9-D8**



**M2K9-B**



Power Isolator



Power Supply

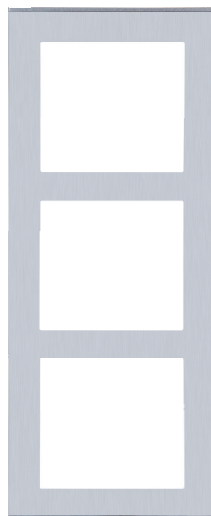
No Apart	Main Panel	Sub Panel	Card Module	Single Push Buttons- 2 push	Single Push Buttons- 4 push	Double Push Buttons -4 push	Double Push Buttons -8 push	Blank Push Button	Power Isolator	Power Supply
2	1		1	1					1	1
4	1		1		1				1	1
6	1		1				1		1	1
8	1		1				1		1	1
10	1	1	1	1			1	2	1	1
12	1	1	1		1		1	2	1	1
14	1	1	1				2	2	1	1
16	1	1	1				2	2	1	1
18	1	1	1	1			2	1	1	1
20	1	1	1			1	2	1	1	1
22	1	1	1				3	1	1	1
24	1	1	1				3	1	1	1
26	1	1	1	1			3		1	1
28	1	1	1			1	3		1	1
30	1	1	1			1	3		1	1
32	1	1	1				4		1	1



## Main Panel

### M2K9-M

Aluminum alloy drawing panel  
color HD camera,120°wide view angle  
Built in audio module  
Support exit button  
Support multi type of locks  
Reserve 2 modules mounted  
Embedded installation  
Dimension:130.2\*340.6\*36.7mm  
Power supply:power isolater



## Sub Panel

### M2K9-E

Aluminum alloy drawing panel  
Reserve 3 module mounted  
Embedded installation  
Dimension:130.2\*340.6\*36.7mm



## Card Module

### M2K9-C

High strength ABS panel  
IC/ID card access control  
Capacity:Management card 1 pcs,user card 1000pcs  
Each home could have 10 cards  
Power:supplied by main panel

## Push Button Module



### Double Push Buttons -8 push

#### M2K9-D8

High strength ABS panel  
Double push 8 buttons  
Nameplate backlight  
Human induction backlight  
Power: supplied by main panel



### Double Push Buttons -4 push

#### M2K9-D4

High strength ABS panel  
Double push 4 buttons  
Nameplate backlight  
Human induction backlight  
Power: supplied by main panel



### Single Push Buttons- 4 push

#### M2K9-S4

High strength ABS panel  
Single Push Left 4 Buttons  
Nameplate backlight  
Human induction backlight  
Power: supplied by main panel



### Single Push Buttons- 2 push

#### M2K9-S2

High strength ABS panel  
Single Push Left 2 Buttons  
Nameplate backlight  
Human induction backlight  
Power: supplied by main panel



### Blank Push Button

#### M2K9-B

High strength ABS panel  
Blank push button