

### Chapter 1 Introduction

The HF-855 series is an apartment entrance control system comprising Audio and Video. Manufacture superior quality and reliable products always our top objective. However, a qualified technician will ensure the system is installed and maintained properly for lasting usage.

Some points for attention before installation:

- 1) Ensure all wiring are properly terminated correctly into connectors.
- 2) Recommend wires specifications: min.awg 20 for Video / Control signal & min. Awg 18 for monitor DC power wire.(The System do not need Video Cable)
- 3) Ensure system wires are separated from high voltage power cables or television cables(cable TV)

### Chapter 2 Precautionary Measures before Installation

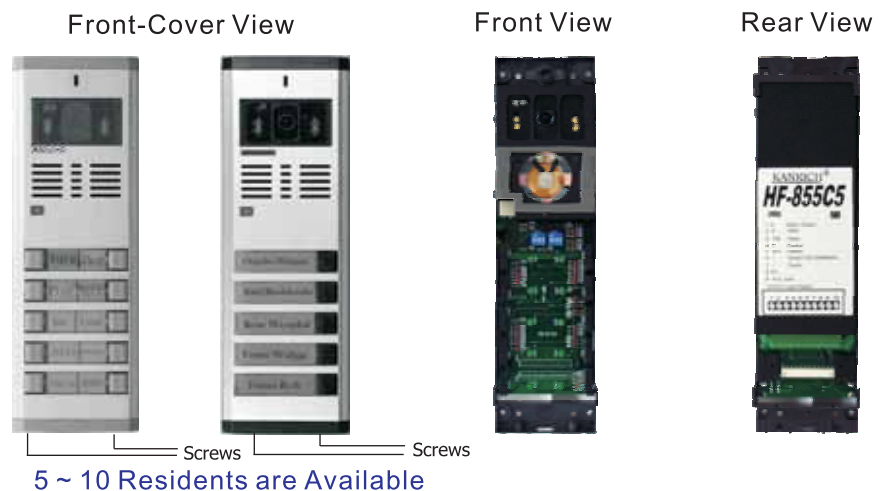
- 1) Take care of monitors carefully and avoid dropping and hard knocking against it. This is to ensure the picture tube and PCB are not cracked from shock.
- 2) System wires are separated from power cables or cable TV. This is to ensure there is no interference that may affect the performance. Distance between the 855C5 (C7)-855Ma should not exceed 100 meters.
- 3) The 855C5(C7) is weatherproof. The base box is also waterproof if it is to be installed near sea or very windy areas. To inspect there is no water left behind from rain or construction before finish wiring in camera.
- 4) Equipment can operate between -20 degree C and +50 degree C.

### Chapter 3 Specifications

#### 855C5 The Keyboard Camera

##### Terminal:

- 1: VIDEO output
- 2: GND for video and signal control
- 3: OFF-0V, ON-1-3 V (DC)
- 4: OFF-0V, ON-6.5 V (DC)
- 5: OFF-0V, Press any button: 9V-11V (DC)
- 6: DC +15V input
- 7: GND for power
- 8: No function
- 9 &10: for door release



Power In: DC15~18V by Adaptor

Resolution: Colour- 480 TV lines ,  
B/W- 500 TV Lines

Lens: Auto

CCD: 1/3" Colour or B/W CCD

F1.8/3.0mm,Full angle 92 Degree

Min. illumination: Colour-0.1Lux  
B/W-0.1Lux (w/ 12pcs Infrared IR)

Dimensions:

W/prebox : 325x120x80mm (w/flush mounting prebox) ,325x120x85mm (w/surface mounting prebox)

W/O prebox : 325x120x60mm

Packing:0.13 cubic ft

Weight: 1.5 kg

Need Prebox

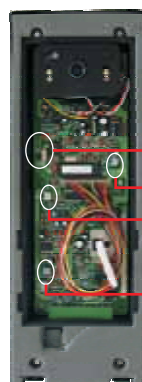
## 855C7 The Digital Camera

Front View



Up  
Down  
Call Guard  
Call  
Unlock  
Clear

Front PCB



PGM ON  
OFF  
SVR3  
SPK  
MIC

Rear View



### Terminal:

- 1: VIDEO output
- 2: GND for video and signal control
- 3: OFF-0V, ON-1-3 V (DC)
- 4: OFF-0V, ON-6.5 V (DC)
- 5: OFF-0V, Press any button: 9V-11V (DC)
- 6: DC +15V input
- 7: GND for power
- 8: No function
- 9 & 10: for door release

Power In: DC15~18V by Adaptor

Resolution: Colour- 480 TV line

B/W- 500 TV Line

Lens: Auto

CCD: 1/3" Colour or B/W CCD

F1.8/3.0mm, Full angle 92 Degree

Min. illumination: Colour-0.1Lux

B/W-0.1Lux (w/ 12pcs Infrared IR)

Dimensions:

W/prebox : 325x120x80mm (w/flush mounting prebox)

W/O prebox : 325x120x60mm

Packing: 0.13 cubic ft

Weight: 1.5 kg

Need Prebox

Stainless + Back light Keypad

500 password for door open code

European Style + Memory your name in Camera

PH-855C7 Name Card Link as:



## 855Ma The Dual purpose Monitor-Handsfree & Handset

Front View



Unlock  
Intercom  
Guard  
HandsFree

Rear View



DC IN Terminal S1 SW

### Terminal

- 1: VIDEO in
- 2: GND
- 3: R/T / Code
- 4: CTL
- 5: Guard
- 6: Intercom

PS. Don't connect pin-6 if no need extension in the same apartment.

Power In: DC15V or AC in

Screen: Colour- 3.5" Colour TFT LCD

B/W- 4" Flat type CRT

Resolution: Colour-105,196 pixels/442H X 238V ; B/W-500 TV lines

Calling tone: Ding-Dong tone

Consumption: standby 200mA. operating 600mA.

wire: 4 wires + 2 power wires

The message LED flash if the call is from the 855C5 / C7





Dimension:210/225/55 mm

Packing: 0.3 cubic ft

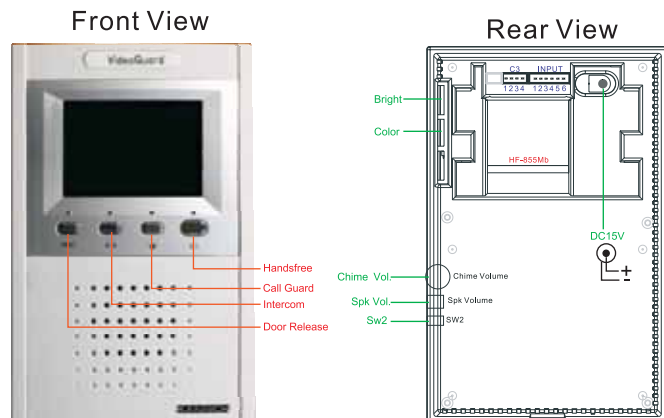
Weight: 1.5 kg

## Setting 855Ma resident number procedures:

Press **S1 switch** on the rear side of Monitor until there is "bi bi" sound, then press one button of 855C5 (or press "4 digit + OK key" in C7). The Monitor will be power on and there is "Ding-Dong, Ding-Dong" sound twice to confirm the setting is successfully made.

-  Handsfree-Press the button, you can handsfree talk approx. 180 sec.
-  Guard-press the button to call the Guard(Hook On/Off are same).
-  Intercom-press the button for Intercom(if no Sub-Monitor,the button has no function)
-  Unlock-Door Open.

## 855Mb The Handsfree Monitor



### Terminal

- 1: VIDEO in
- 2: GND
- 3: R/T / Code
- 4: CTL
- 5: Guard
- 6: Intercom

**PS. Don't connect pin-6 if no need extension in the same apartment.**

Power In: **DC15V**

Screen: **Colour- 3.5" Colour TFT LCD**

Resolution: **Colour-105,196 pixels/442H X 238V**

Calling tone: **Ding-Dong tone**

Consumption: **standby 200mA. operating 450mA.**

wire: **4 wires + 2 power wires**

The message LED flash if the call is from the 855C3 / C5 / C7





Dimension: **210/225/55 mm**

Packing: **0.3 cubic ft**

Weight: **1.0 kg**

## Setting 855Mb resident number procedures:

Press **SW2 switch** of Monitor until there is "bi bi" sound, then press one button of 855C3 (or C5 or press "4 digit + OK key" in C7). The Monitor will be power on and there is "Ding-Dong, Ding-Dong" sound twice to confirm the setting is successfully made.

-  Handsfree-Press the button, you can handsfree talk approx. 180 sec.
-  Guard-press the button to call the Guard(Hook On/Off are same).
-  Intercom-press the button for Intercom(if no Sub-Monitor,the button has no function)
-  Unlock-Door Open.

## 855K2 10 - 20 Button Keyboard



Power Source: **Supply from 855C5**  
 Support from 10 to 20 Apartments  
 LED illumination display  
 Dimensions: **32cm X 12cm X 6cm.**  
 Packing:  
 G. W.: **1.5 kg.**  
**0.13 cuft.**

**10 ~ 20 Residents are Available**

# 855C3 The 1 or 2 Residents Camera

Front-Cover View



## Terminal:

- 1: Video output
- 2: GND for video and signal control
- 3: Voice
- 4: CTL
- 5: +DC15V
- 6: DC (-)(GND)

## To Door Lock

- 1: GND for power (-)
- 2: EL
- 3: PT

## For 1 or 2 Residents

Power In: DC15~18V by PH-P7

Resolution: Colour- 480 TV lines ,  
B/W- 500 TV Lines

Lens: Auto

CCD: 1/3" Colour or B/W CCD

F1.8/3.0mm, Full angle 92 Degree

Min. illumination: Colour-0.1Lux

B/W-0.1Lux (w/ 12pcs Infrared IR)

Dimensions:

W/prebox : 210x120x27mm (w/Surface mounting prebox) , 210x120x77mm (w/Flush mounting prebox)

Packing: 0.1 cubic ft

Weight: 1.5 kg

Need Prebox

## PH-P6 Power Supply



Power Source: AC in

Power Out: DC16.5 - 18V (2.5A)  
DC12V (300mA)

Dimensions: 160cm X 80cm X 120mm

Packing:

G. W.: 2.0 kgs

0.08 cuft.

## PH-P7 Power Supply



Power Source: AC100-240V 47-63HZ

Output: DC15V/ 1.0A

Dimensions: 54X102X36 mm

N.W.: 115 gs

Dual Purpose fixed way: European type of  
Din Rail or hangings type

Separated connectors AC / DC

When output LED indicator off: Fuse open

No need to dismantle from cover, you can  
change fuse easily

It's a convenient size (115 g / 54x102x36 mm)