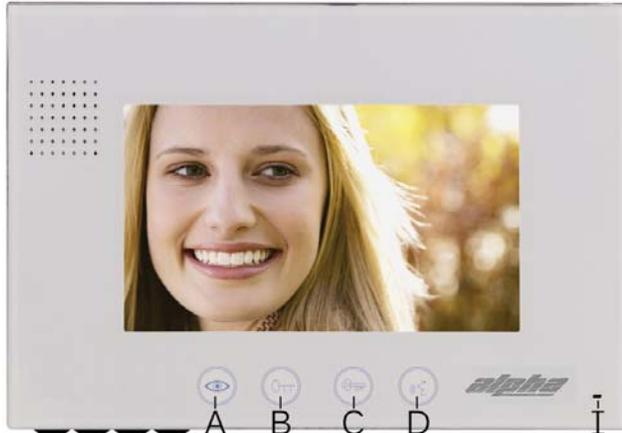


INDOOR MONITOR(S)



LAYOUT



- A. 'MONITOR' Button
- B. 'DOOR' Button 1
- C. 'DOOR' Button 2 [NOT USED]
- D. 'CALL ON/OFF' Button
- E. Ringtone Volume Adjustment
- F. Voice Volume Adjustment
- G. Chroma/Contrast Adjustment
- H. Brightness Adjustment
- I. Microphone



FEATURES

1. Soft-Touch button operation
2. Two-Way voice communication
3. Dual door release options
4. Volume, brightness & contrast adjustable
5. Surface-mounted (low-profile: 1" deep)
6. 2-Wire installation

E F G H
Thumbwheel
Controls

TECHNICAL SPECIFICATIONS

Display	7" Color TFT LCD Screen
Monitoring Timer	30 seconds
Talk Timer	120 seconds
Ringtone Timer	30 seconds ringing, 90 seconds waiting
Power Consumption	<0.5W (standby), <10W (operating)
Voltage Input to Power Supply	100VAC-240VAC, 50/60Hz
Voltage Output from Power Supply	18VDC, 1500mA
Operational Temperature Range	-13°F to 149°F (-25°C to 65°C)

GENERAL NOTES

1. Do not put Indoor Monitor in wet areas.
2. Do not place the Indoor Monitor on an unstable surface, to prevent malfunction or damage caused by falls.
3. Keep Indoor Monitor out of the reach of small children.
4. Please do not use needles and other sharp objects to press the Indoor Monitor buttons.
5. Please don't hit, shake or throw. Handle with care.
6. Do not install near any electrical devices, dimmers, ballasts or high voltage wiring.

CLEANING AND MAINTENANCE

1. Indoor Monitor is not water-proof and do not use it in high humidity places, like bathrooms.
2. If the screen is dirty, use a soft, dry cloth to gently wipe the screen.

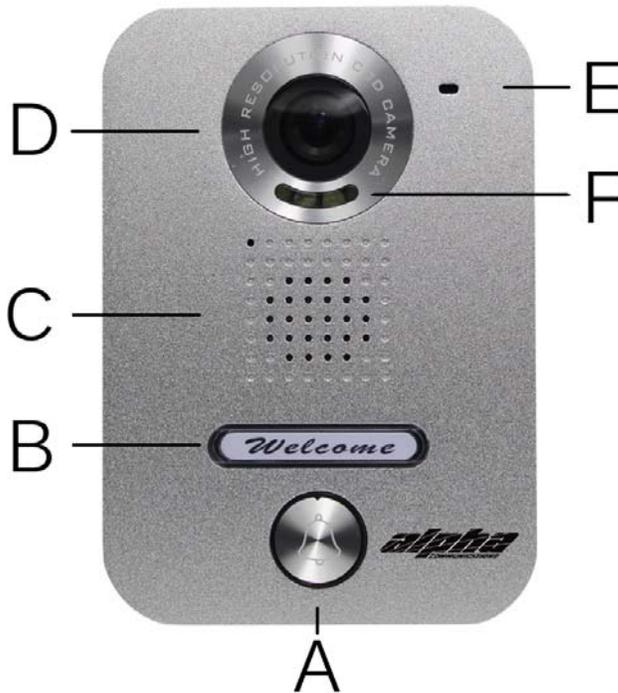
WARNING

Please use the dedicated power supply provided in this kit by Alpha Communications®. Use of any other power supply will void the warranty and may cause system damage.

Alpha Communications • 42 Central Drive • Farmingdale NY 11735-1202
Toll-Free Technical Line 1-800-666-4800 • Phone: (631) 777-5500 • Fax: (631) 777-5599
Web: www.alphacommunications.com • Email: info@alphacommunications.com

Due to continuous product improvement, all colors, sizes, wiring and specifications are subject to change without notice.
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OUTDOOR REMOTE STATION(S)



LAYOUT

- A. 'CALL' Button 
- B. Name Holder
- C. Speaker
- D. CCD Camera
- E. Microphone
- F: LED Illuminators

FEATURES

1. Aluminum alloy panel, vandal resistant
2. Water-resistant
3. Surface-mounted
4. Calling / Talking functions
5. Powered by indoor monitor
6. Backlit call button and name holder

TECHNICAL SPECIFICATIONS

Camera Type	Color CCD Camera
Camera Viewing Angle	72°
Minimum Illumination	0.1 Lux
Night Light Compensation	4 White LEDs
Power Consumption	<0.1W (standby), <3W (operating)
Operational Temperature Range	-13°F to 149°F (-25°C to 65°C)

NOTES:

- Maximum 3 Indoor Monitors and 2 Outdoor Remote Stations.
- Each Indoor Monitor needs a separate power supply.
- Each Indoor Monitor can monitor each of the (up to 2) outdoor remote stations.
- Maximum cable length from Outdoor Remote Station to farthest Indoor Monitor shall not exceed:
 - AWG#24 (0.5mm²) = 230 feet (70m).
 - AWG#22 (0.65mm²) = 295 feet (90m).

USER OPERATION

 **Calling**
When the 'CALL' button is pressed, the Indoor Monitor(s) show the visitor's image from the appropriate Outdoor Station. Press the 'TALK'  button to talk to the visitor.

 **Monitoring**
When the 'MONITOR' button is pressed from any of the Indoor Monitors, you can visually monitor and hear the

sounds around the Outdoor Station(s). The monitoring function will shut off automatically after 30 seconds, or you can shut off by pressing the 'MONITOR' button again.

 **Unlocking**
Under the standby mode or while talking, press 'DOOR' button 1, it will activate the dry contact; During a call from an Outdoor Remote Station 'DOOR' button 2 is not used.

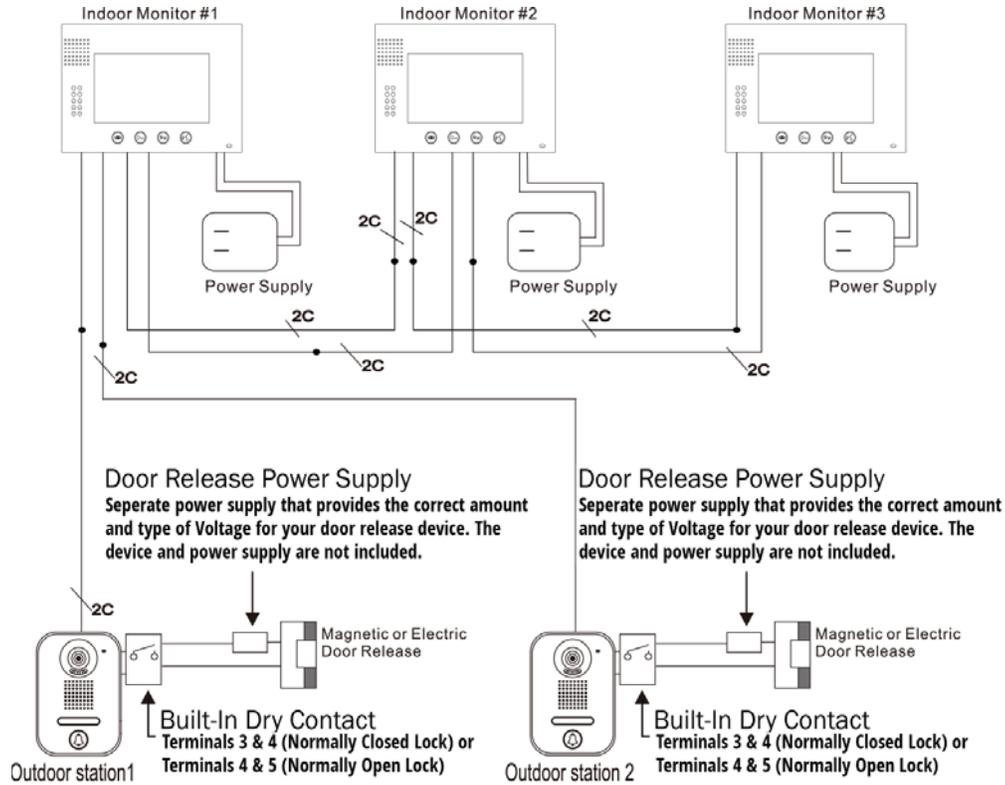
 **Ringtone Volume Adjustment (on the Monitor)**
Adjust this to set the volume of the ringtone.

 **Voice Volume Adjustment (on the Monitor)**
Adjust this to set the listening voice volume.

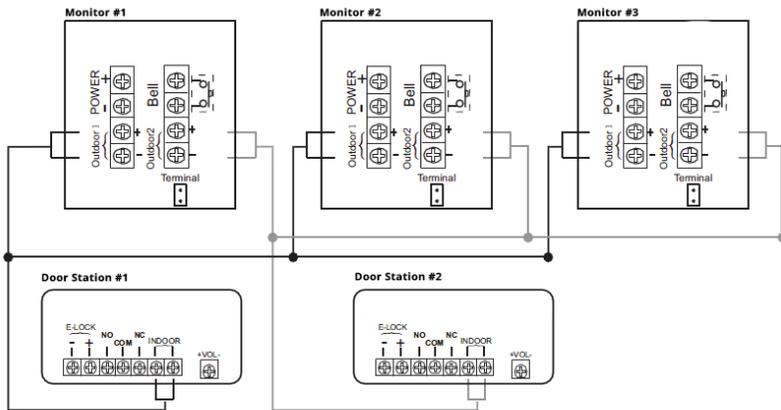
 **Brightness Tone (on the Monitor)**
Adjust this control to adjust the picture brightness.

 **Chroma/Color (on the Monitor)**
Adjust the chroma to get your desired color.

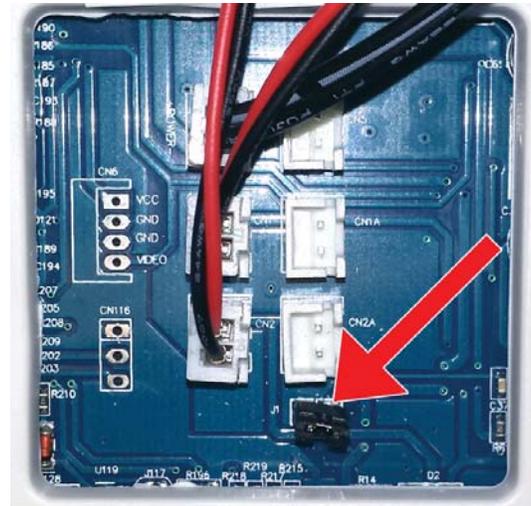
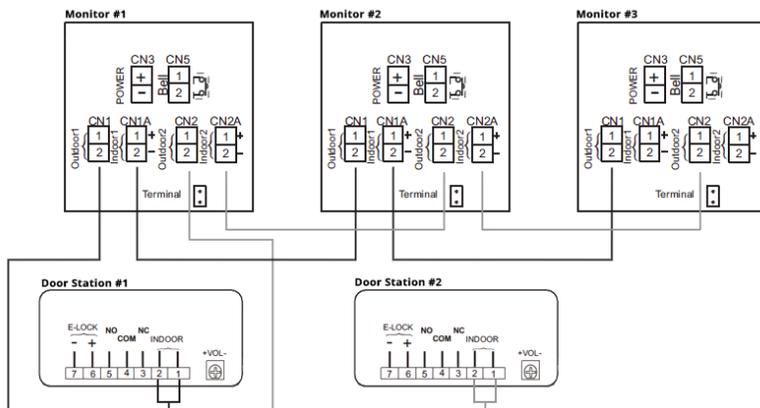
SYSTEM WIRING & INSTALLATION



SCREW TERMINAL CONNECTIONS



PLUG-IN HARNESS CONNECTIONS



IMPORTANT NOTE

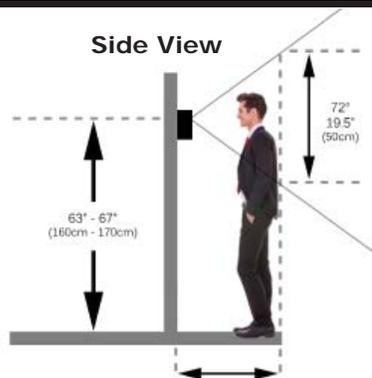
The End-of-Line Resistor Jumper

The End-of-Line Resistor jumper is located on the back side of the monitor(s), accessible through the opening in the plastic housing.

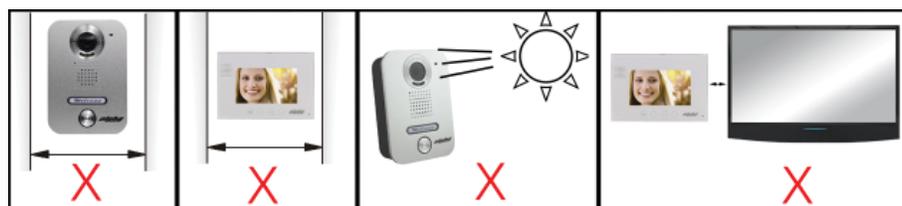
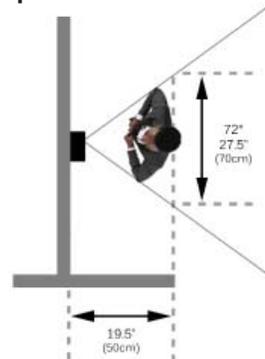
If your installation has only a **single monitor**, the black plastic end-of-line resistor jumper must remain in place on the monitor. If your installation has **multiple monitors**, the black plastic end-of-line resistor jumper must remain in place on the monitor which is farthest from the outdoor remote(s) and must be removed from the other monitor(s).

Remote Installation Notes:

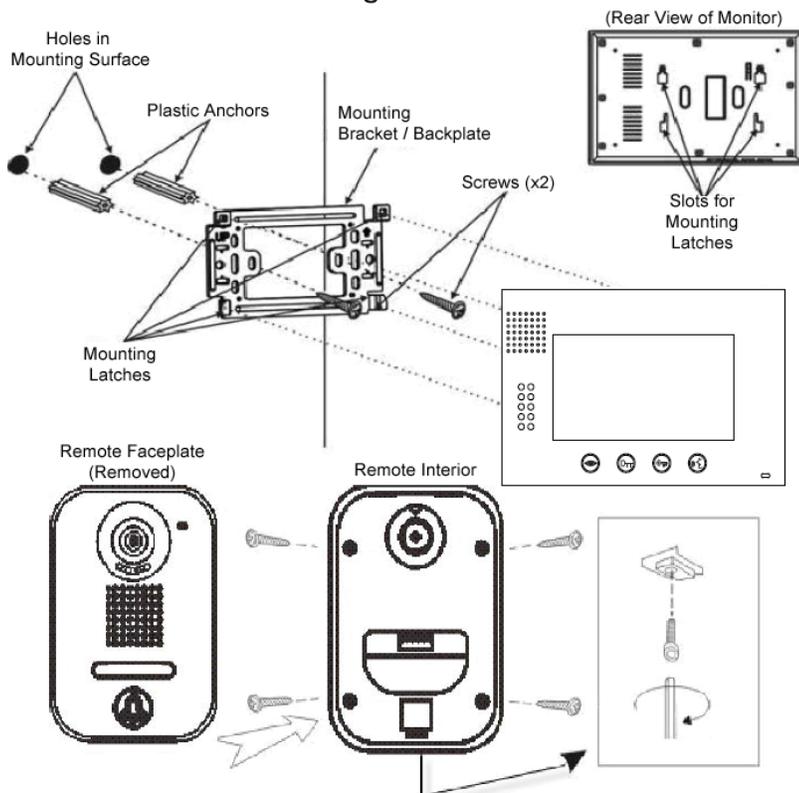
- The proper height of monitor or door camera is between 63"-67" (160-170cm) from the ground. This may vary on each installation. View range should be actively tested before complete.
- Viewing window of door camera is about 19.5" (50cm) vertically, and 27.5" (70cm) horizontally.
- Narrow space may cause feedback echo on monitor voice function.
- Direct sunshine can cause blurry or ghost-like picture on monitor.
- Installing units too close to electrical lines, dimmers, ballasts, or other electrical devices may cause audio and/or video interference.



Top View



Mounting Instructions



Removing Remote Nameplate

Press down on one side of the plastic nameplate cover and then slide the plastic cover towards that side. The opposite side will pop up allowing you to remove it.



Secondary Door Chime (Option)

A secondary door chime push button can be connected to a monitor to the terminal located on the back of the monitor marked **CN5**. This can be used as a notification that a visitor has reached a second door after being let through the first door. When the push button is depressed the monitor will chime twice.