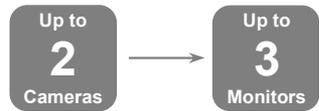


ENFORCER®

DP-264-1C7Q

Hands-Free Video Door Phone

Manual



Features:

- Camera has four LEDs for nighttime operation
- Remotely and securely talk to visitors and unlock doors, gates, etc. from the monitor
- Easily connect additional monitors and an additional camera*
- Simple 2-wire connection
- Built-in microphone
- Adjustable color tone, brightness, speaker, and ringer volume
- Camera and monitor turn off automatically when not in use
- Soft-touch button operation

*Additional monitors and camera sold separately.

ENFORCER Hands-Free Video Door Phone

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Specifications:

Camera	
Type	Color camera
CMOS	1/3" CMOS sensor
Resolution	700 TV lines
Lens	2.1mm
Relay output	3A@30VDC max. dry contact
Operating temperature	-13°~149°F (-25°~65°C)
Weight	1-lb, 6-oz (750g)
Current draw	150mA
Dimensions	47/16" x 53/8" x 21/16" (112x136x52 mm) without sunshield

Monitor	
Display	7" Color TFT
Operating voltage	18VDC
Relock delay	5 seconds
E-lock delay	1 second
Weight	1-lb, 2-oz (560g)
Current draw	Active: 555mA
	Standby: 20mA
Dimensions	9 1/2" x 6 5/16" x 1" (241x161x25 mm)

Note: The distance between the camera and the farthest monitor should not exceed 230ft (70m).

Parts List:

DP-264-1C7Q Complete Kit



- 1x Hands-free monitor
- 1x Monitor bracket
- 1x AC Power adapter
- 1x Camera
- 1x Camera bracket
- 6x Screws
- 6x Screw anchors
- 2x Camera hex screws
- 6x Wire connectors (2-Wire) - power
- 1x Wire connector (5-Wire) - camera
- 1x Diode
- 1x MOV
- 1x Hex wrench

DP-264-M7Q

Hands-Free Secondary Monitor



- 1x Hands-free monitor
- 1x Monitor bracket
- 1x AC Power adapter
- 2x Screws
- 2x Screw anchors
- 4x Wire connectors (2-wire)

*Also compatible with
DP-234Q and DP-222Q*

Screen image simulated.

DP-264-CQ

Hands-Free Camera



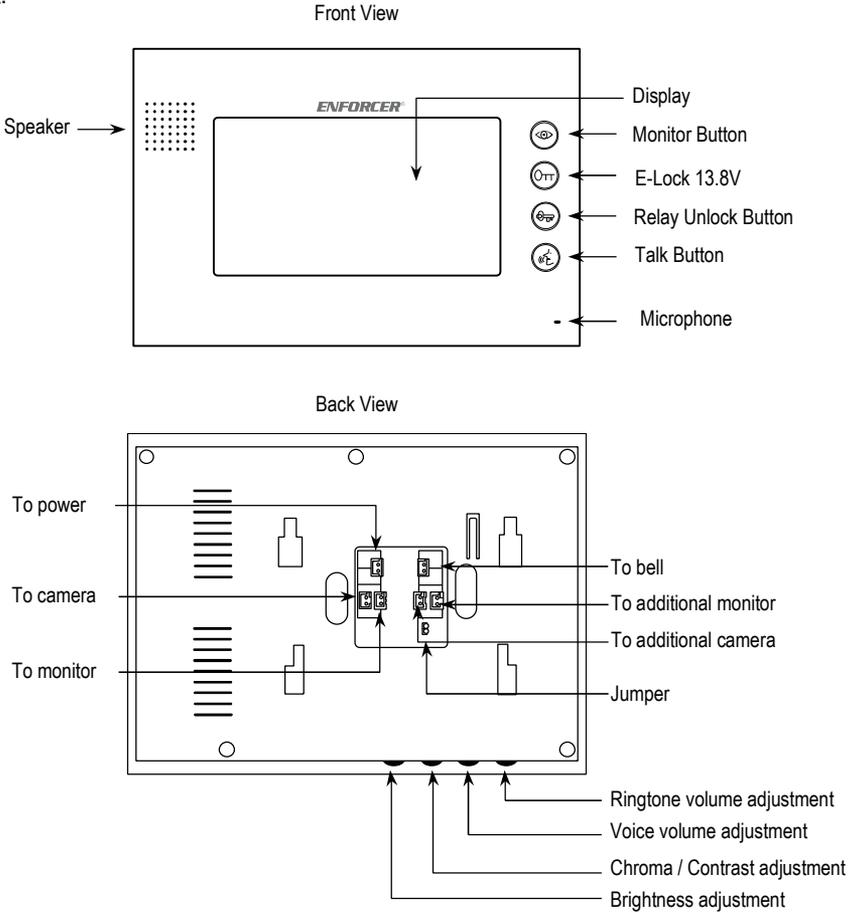
- 1x Camera
- 1x Camera bracket
- 4x Screws
- 4x Screw anchors
- 2x Camera hex screws
- 2x Wire connectors (2-Wire) – power
- 1x Wire connector (5-Wire) - camera
- 1x Diode
- 1x MOV
- 1x Hex wrench

*Also compatible with
DP-234Q and DP-222Q*

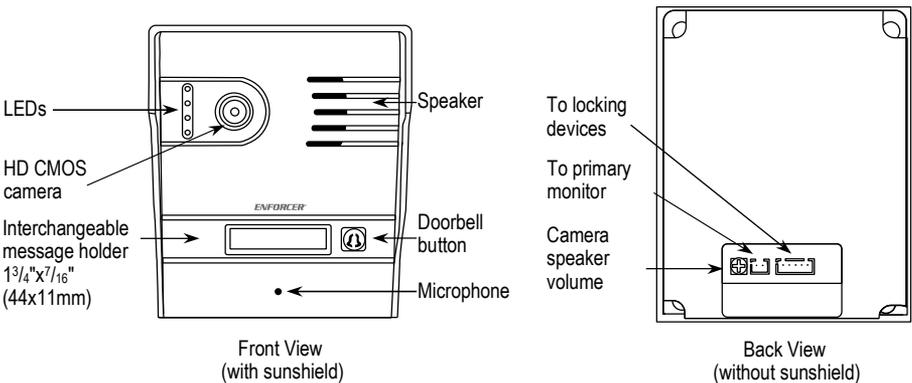
Screen image simulated.

Overview:

Monitor Unit:



Camera Unit:



ENFORCER Hands-Free Video Door Phone

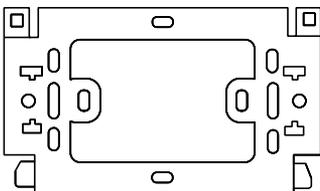
Installation Notes:

1. Unpack the video door phone and note the included parts.
2. Read this manual thoroughly before installation. A clear understanding of the manual will make installation and operation much easier.
3. Find a good location to mount the monitor and camera. Make sure there is enough 21AWG (or larger) 2-conductor wire to connect both units correctly.
4. Use only untwisted-pair wire; twisted-pair wire may cause interference.
5. Avoid mounting the camera or monitor near sources of strong electromagnetic signals or other electronic devices as they may cause interference.
6. Avoid mounting the camera in direct sunlight or exposing the camera to strong vibrations or direct rain or other moisture, which could result in damage to the camera.
7. The monitor and camera contain no user-serviceable parts. Opening may damage sensitive components and will void the warranty.
8. Do not use sharp objects to press the indoor monitor buttons
9. **End-of-Line Resistor Jumper:** This jumper is used to adjust video on the monitor and is located behind the monitor accessible through the plastic housing. If your installation has a single monitor, the jumper must remain on the monitor. If your installation has multiple monitors the jumper must remain in place on the monitor which is farthest from the camera but must be removed from the other monitors.

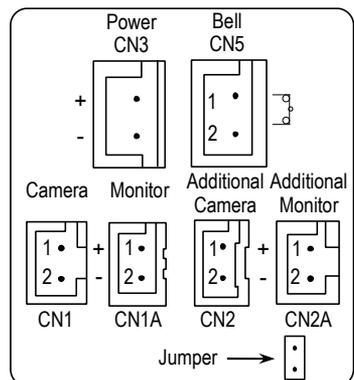
Installation – Primary Monitor:

1. The monitor must be positioned so that the image can be seen clearly and the user can operate the monitor's functions.
 2. Use the mounting bracket as a template to pencil in where to drill the holes for the mounting bracket screws.
 3. Drill the mounting bracket holes as needed. Drill a hole large enough to fit a minimum 21AWG 2-conductor wire, which will run through the wall from the monitor to the camera.
 4. Using two of the included screws and two of the included screw anchors, attach the monitor bracket to the wall, running the cable through the large hole in the mounting bracket.
 5. Run wires from the first two terminals on the left of the camera Power (+ and -) to the monitor's "CN1" plug making sure to observe polarity.
- NOTE: If using only one monitor, the "Additional camera / monitor (CN2, CN2A)" plugs on the back of the monitor will not be used**
6. Connect the AC power adapter's wires into the "DC" plug on the back of the monitor, making sure to observe polarity.

Monitor mounting bracket



Connection Points

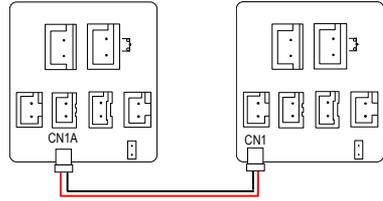


Installation – Additional Monitor:

If using a secondary monitor:

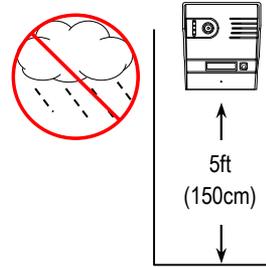
1. Install the second monitor in the same way as the primary monitor (see pg. 4).
2. DP-264-M7Q: Run wire from the primary monitor's "CN1A" plug to the secondary monitor's "CN1" plug, making sure to observe polarity. Don't forget to adjust End-of-Line jumper accordingly. Please refer to pg. 4.

Connecting to DP-264-M7Q (not included)



Installation – Camera:

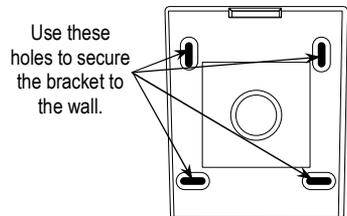
1. Position the camera so the area to be monitored is easily visible, typically 5ft (150cm) above the ground. Do not position the camera in direct sunlight, or where it will be exposed directly to rain or snow.
2. Cut a hole large enough to run the minimum 21AWG 2-conductor wire through the wall to where the camera unit is to be mounted. If using a locking device, the wires used to control the device must also be run through this hole.
3. Run the 2-conductor wire from the camera location to where the primary monitor is mounted.



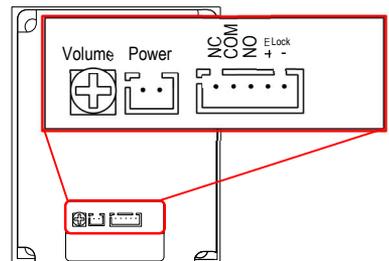
Note: The distance between the camera and farthest monitor should not exceed 230ft (70m). If two cameras, measure from the farthest camera to the farthest monitor.

4. Using four of the included screws and four of the included screw anchors, attach the camera mounting bracket to the wall.
5. Run wires from the first two terminals on the left of the camera (+ and -) to the monitor's "CN 1" plug making sure to observe polarity.
6. If the color video door phone will be used to operate an electronic door strike or electromagnetic lock, connect the wires coming from the strike or lock to the relay connections on the back of the camera. See the diagrams on pg. 7.
7. Plug the AC power adapter into a 120VAC socket.
8. Test the monitor and camera unit by pressing the doorbell button on the camera. The image in front of the camera should be displayed clearly.
9. To adjust the camera speaker volume, turn the potentiometer on the back of the camera clockwise or counterclockwise.
10. Push the tab on top of the bracket into the top of the camera. Make sure that no wires are pinched preventing the camera from sealing properly in the bracket.
11. Secure the camera to the mounting bracket with the included camera hex screws.

Camera Mounting Bracket



Connection points and speaker adjustment

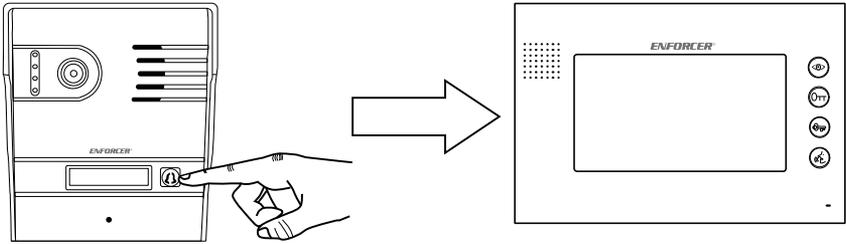


Adjust the camera's speaker volume by turning the potentiometer on the back of the unit.

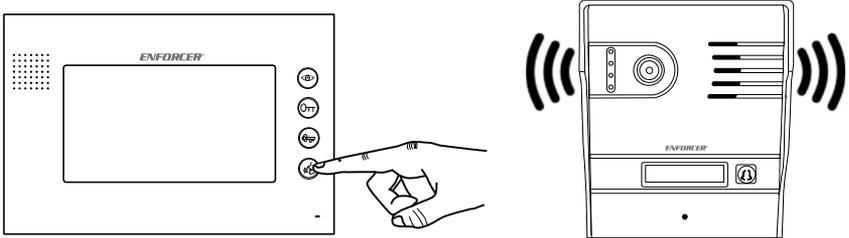
ENFORCER Hands-Free Video Door Phone

Operating Instructions:

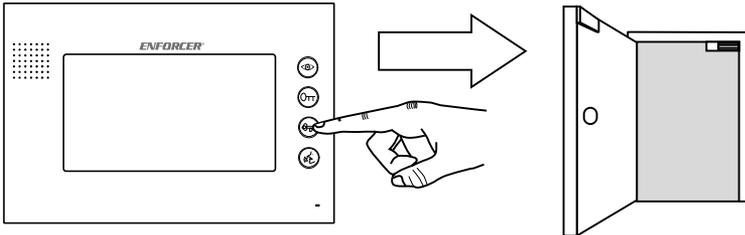
1. When the Doorbell button on the camera is pressed, the monitor will ring. After ringing, any connected monitors will switch on.



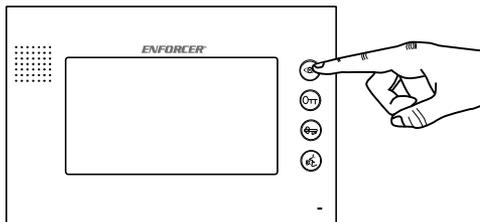
2. Press the Talk button on the monitor to hear audio and to talk through the camera unit.



3. If the video door phone's relay is connected to an electric door strike or other locking device, press the Relay Unlock Button to allow entrance. If a fail-secure locking device is connected to the E-Lock pressing the E-Lock Button will allow access. See the wiring diagram on pg. 7 for more details.
Note: The lock will only remain unlocked for 5 seconds and the E-Lock for 1 second after which the camera and monitor will turn off.



4. To see what is going on at the entrance, press the Monitor Button once to turn on the monitor. The camera LED and monitor will automatically switch on but there will be no audio communication in this mode. To listen in, press the Talk Button to allow 2-way audio communication. When finished, simply press the Monitor Button again and the camera will switch off. If the Talk Button is not pressed again, the monitor and camera will switch off after 30s.

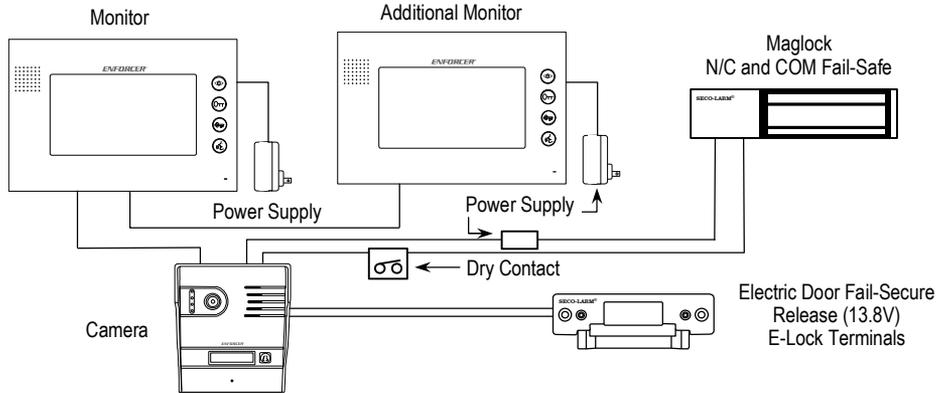


Wiring Diagrams:

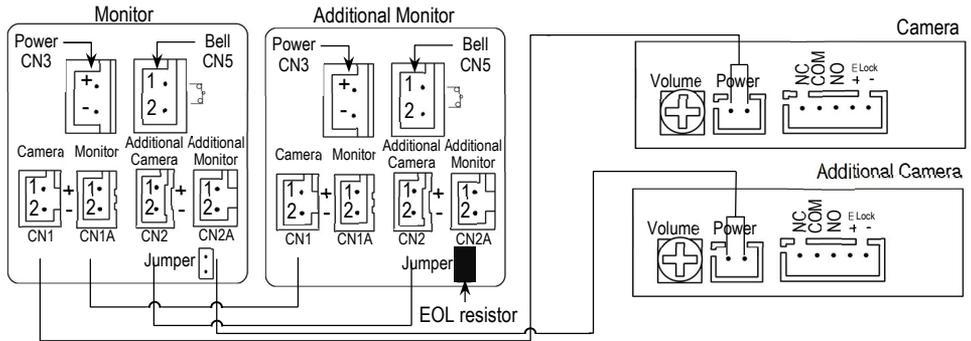
Wiring a Secondary Monitor and Electric Door Strike

NOTE: The distance between the camera and the farthest monitor should not exceed 230ft (70m).

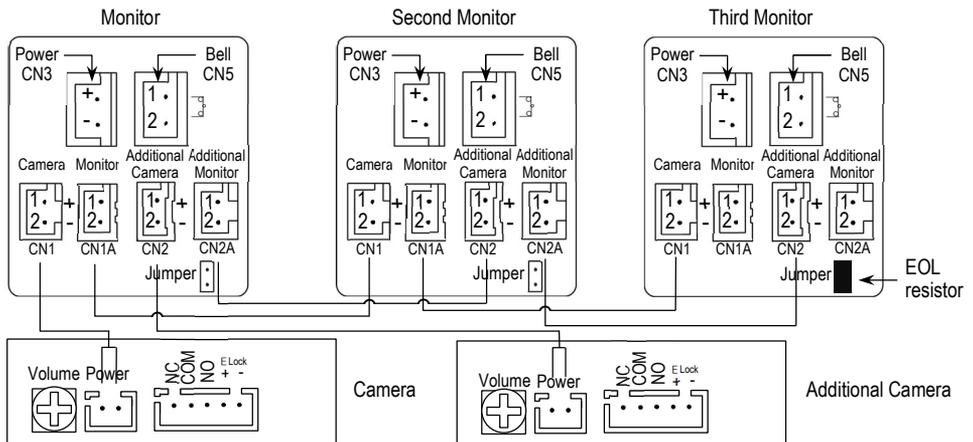
The EOL jumper must remain in place on the monitor which is farthest from the camera but must be removed from the other monitors.



Plug-in Harness Connections:



Plug-in Harness Connections – Third Monitor:



ENFORCER Hands-Free Video Door Phone

Troubleshooting:

The screen is blank.	<ul style="list-style-type: none">• Check that the camera is powered up.• Check that the power supply's polarity is correct.• Check that the monitor is powered up.• Check that the video cable connecting the camera to the monitor is connected properly.• Check that the wiring distance does not exceed 230ft (70m)
The screen image is dim.	<ul style="list-style-type: none">• Clean the lens using a soft, clean cloth.• Check that the light source is adequate
The screen image has poor color tone or flickers	<ul style="list-style-type: none">• Adjust the monitor's color tone.• Adjust the monitor's brightness.• Change the position of the camera.• Use untwisted wire and make sure the wiring distance does not exceed 230ft (70m)
The screen image is distorted.	<ul style="list-style-type: none">• Change the position of the camera.• Use untwisted wire and make sure the wiring distance does not exceed 230ft (70m)• Check End-of-Line resistor jumper is adjusted correctly on all monitor
The camera case is hot.	<ul style="list-style-type: none">• Check that the correct power supply is in use.
LEDs do not turn on.	<ul style="list-style-type: none">• Check that the correct power supply is in use (18VDC).• Check that the wiring distance does not exceed 230ft (70m)
Lock button does not operate the relay	<ul style="list-style-type: none">• Check that the correct power supply is in use (18VDC).• Check that the wiring distance does not exceed 230ft (70m)

California Proposition 65 Warning: These products may contain chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

IMPORTANT: Users and installers of this product are responsible for ensuring this product complies with all national, state, and local laws and statutes related to monitoring and recording audio and video signals. SECO-LARM will not be held responsible for the use of this product in violation of any current laws or statutes.

FCC COMPLIANCE STATEMENT

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

WARRANTY: This SECO-LARM product is warranted against defects in material and workmanship while used in normal service for one (1) year from the date of sale to the original customer. SECO-LARM's obligation is limited to the repair or replacement of any defective part if the unit is returned, transportation prepaid, to SECO-LARM. This Warranty is void if damage is caused by or attributed to acts of God, physical or electrical misuse or abuse, neglect, repair or alteration, improper or abnormal usage, or faulty installation, or if for any other reason SECO-LARM determines that such equipment is not operating properly as a result of causes other than defects in material and workmanship. The sole obligation of SECO-LARM and the purchaser's exclusive remedy, shall be limited to the replacement or repair only, at SECO-LARM's option. In no event shall SECO-LARM be liable for any special, collateral, incidental, or consequential personal or property damage of any kind to the purchaser or anyone else.

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SECO-LARM® U.S.A., Inc.

16842 Millikan Avenue, Irvine, CA 92606

Phone: (949) 261-2999 | (800) 662-0800

Website: www.seco-larm.com

Email: sales@seco-larm.com

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