

How to install the Analog Video Camera into SD-40 PC housing.

1 Introduction

SD-40PC Analog Door phone can be accomplished with the internal Analog Video Camera. Special hole in the SD-40PC housing front panel purposed for Video Control functions.



Figure 1-1 SD-40P Front Panel

Analog PIN-Hole video camera with following technical parameters can be installed into SD-40PC housing:

- Required Power: 12VDC
- Physical dimensions: 32 x 32 mm;
- Video Camera module height (including installation strengthening) no more than 23 mm

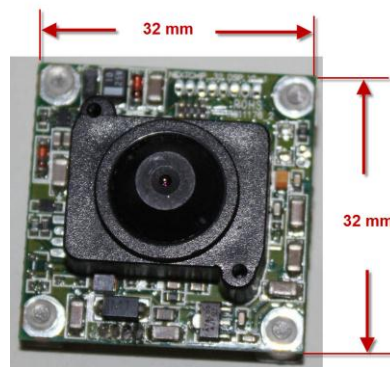


Figure 1-2 PIN-hole analog video camera (Example)

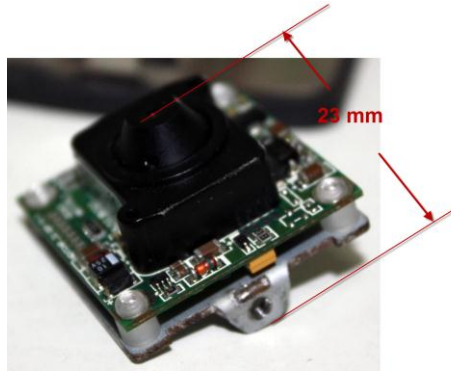


Figure 1-3 PIN-hole analog video camera heights is 23 mm (Example)

2 Installation

1. Open SD-40PC Housing
2. SD-40PC Installation bracket includes the video camera installation area in the right bottom side.



Figure 2-1 SD-40PC Installation bracket; video camera installation place.

3. The PIN-hole video camera must have threaded holes 2.5 mm for screw strengthening with the SD-40PC installation bracket

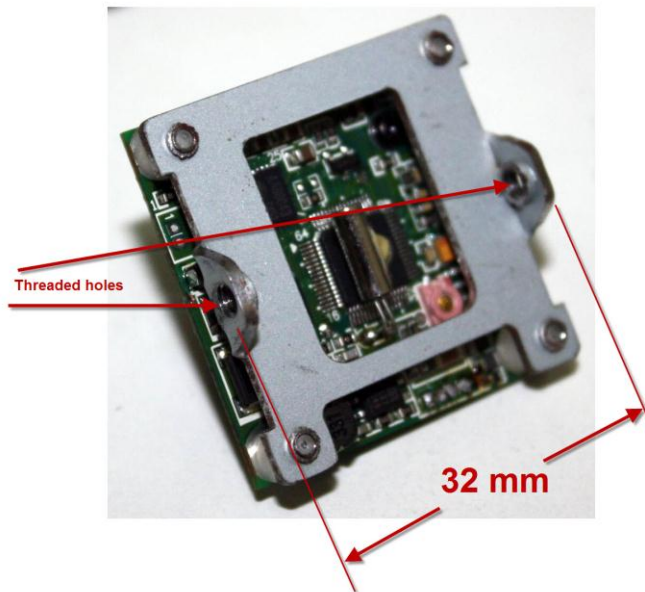


Figure 2-2 PIN-hole video camera bracket (Example)

4. Install video camera into the SD-40PC installation bracket and strength with 2 mounting screws from each side.

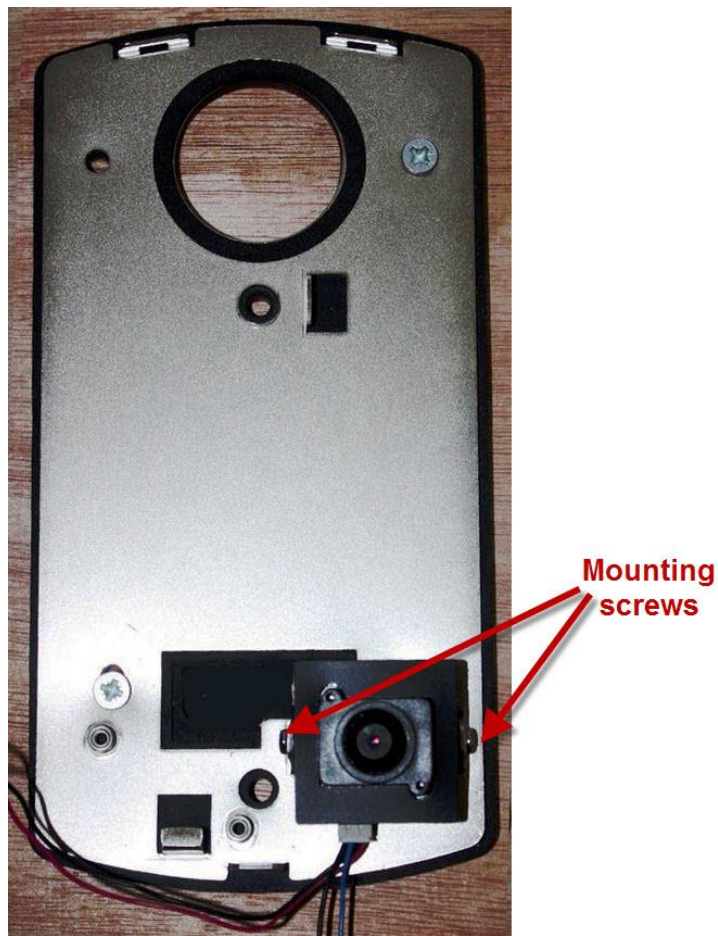
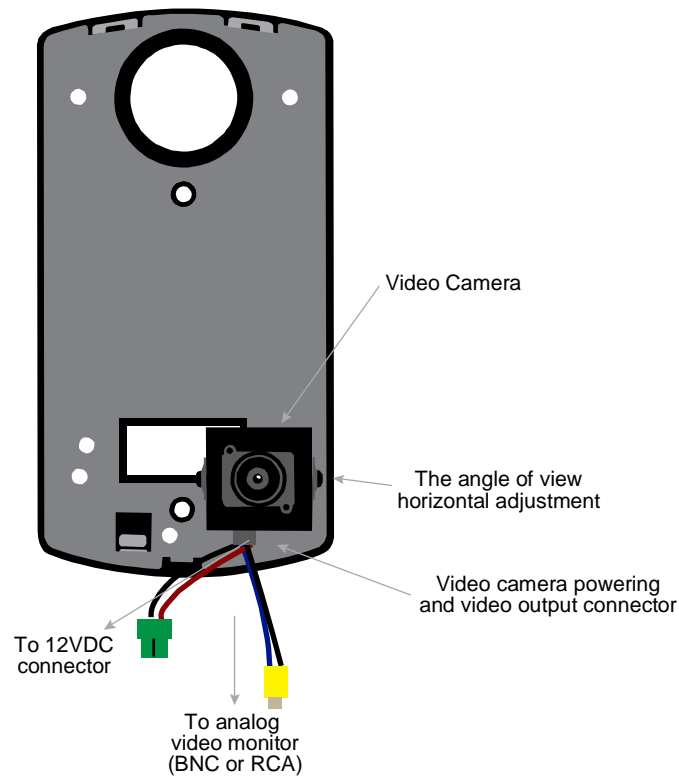


Figure 2-3 Installed video camera



- 5. The video camera angle of view can be adjusted manually by changing the angle of its horizontal position.
- 6. The video camera shall includes 2 wired connections:

Connector	Description
SD-40X 2 wired cable with 2-Pin's green powering connector. (Included in SD-40PC package)	The Video Camera powering connector. Shall be connected to appropriate socket on the main PCB (See Figure further in document) . Pin-outs colors: Black – GND; Red-12VDC

- 7. SD-40PC PCB includes 2 PIN connector to provide 12V DC power to video camera

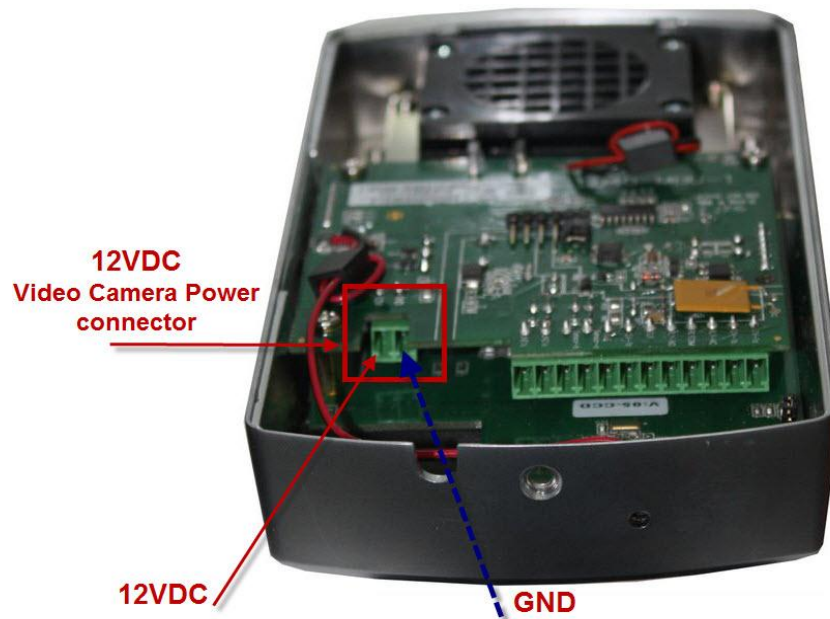
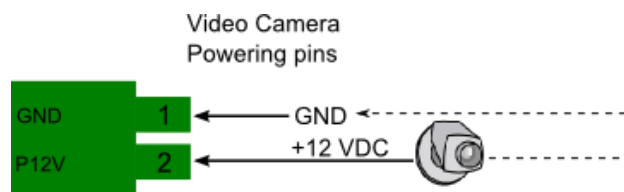


Figure 2-4 12VDC Video Camera Power Connector



8. Video camera powered in accordance with configuration rules and use cases (See DTMF programming code *400 Chapter Error! Reference source not found. in SD-30/40 User Manual)