

CCTV CAMERA KIT

INSTALLATION INSTRUCTIONS

These instructions cover the installation of the black/white & color CCTV Camera Kit in Sentex Crown Jewel and Infinity systems equipped for CCTV.

WIRE DISTANCE SPECIFICATIONS

- **Power Wire Distance:** Up to 100 Feet
- **Video Cable Distance:** Up to 1000 Feet (max length based on monitor with .25 volt p-p. composite signal sensitivity)

PARTS SUPPLIED

Part Number	Qty.	Description
SN1600009 SN1600008	1	Camera Assy. (Color) OR Camera Assy. (Black & White)
SN5300059	1	12V 20VA Transformer
SN5600036	1	Right-Angle BNC Connector
SN6001576	1	Installation Instructions

PARTS NOT SUPPLIED

- **AC/DC Power Wire:** 18 AWG, 2 conductor cable
- **Video Wire:** Single conductor 75 ohm RG-59U coaxial cable (Belden #9240 or equiv.) with BNC connectors (Amphenol #31-71008 or equiv.)
- **CCTV Monitor** (or television with video input).

INSTALLATION NOTES

- The CCTV interface board requires a dedicated power supply.
- The video signal is continuously available at J2 on the CCTV interface board.

INSTALLATION

- 1 Remove power to the unit.**
- 2** Open front panel of telephone entry unit.
- 3** Pull power wires from power supply to unit.
- 4** Pull video cable from television or CCTV monitor to unit.
- 5** Remove and discard four mounting plate screws and mounting plate from front panel.
- 6** Remove and retain four female-female standoffs. **NOTE:** Male-female standoffs remain in place.
- 7** Remove lens cap from CCTV lens.
- 8** Mount CCTV board on front panel male-female standoffs with J2 coax connector facing the bottom of unit. Make sure camera lens aligns with window in front panel.

CAUTION: Use care with next step. Male-female standoff studs will break if over-tightened.
- 9** Secure CCTV board to front panel using female-female standoffs (previously removed). Carefully snug with 3/16" nut driver.
- 10** Connect coaxial cable with BNC connector to J2 BNC connector on CCTV board.
- 11** Connect the power wire to terminal block TB1 (see Figure 2):
 - Lift blue terminal block off TB1 terminal pins.
 - Remove "head" and loosen screws.
 - Insert wire into opening on front and tighten screw until wire is held firmly.
 - When both connections are made, plug terminal block back onto pins.

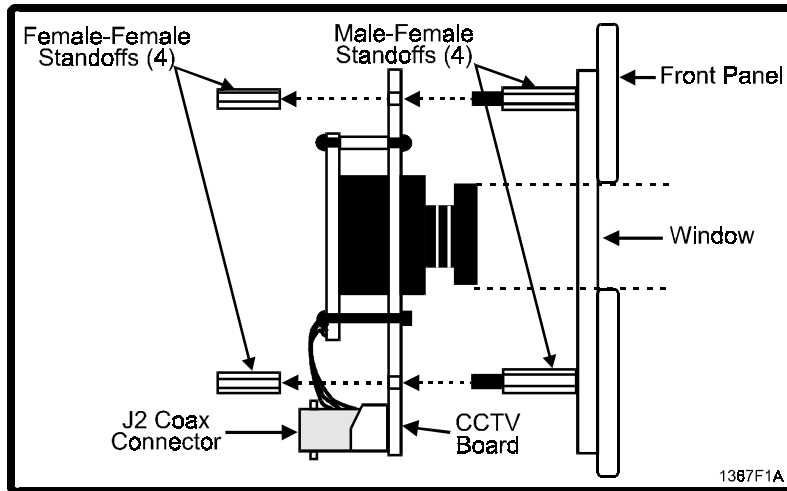


Figure 1: Mounting the CCTV Board

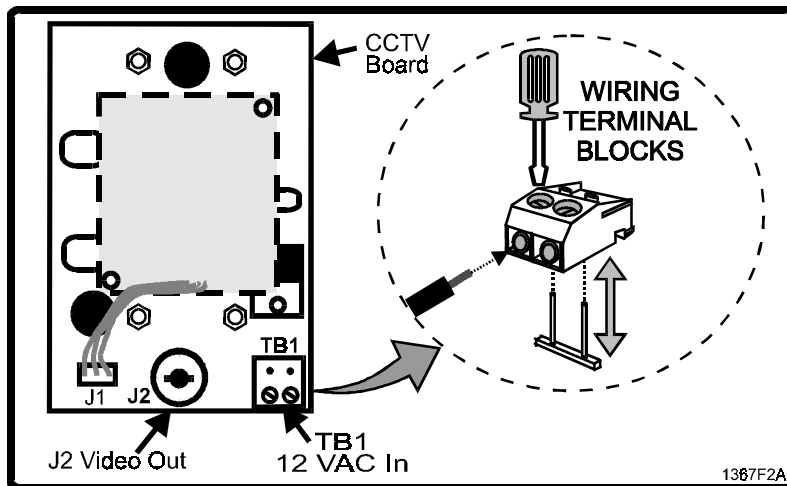


Figure 2: Power and Video Connections

TEST AND ADJUSTMENT

- 1 Plug in AC power supply.
- 2 Turn ON power to unit.
- 3 Plug coax cable into CCTV monitor or television.
- 4 Turn ON CCTV monitor or television. The CCTV picture will appear.
- 5 Close front panel.