

# 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 <u>1000</u> 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) <b>OR</b> 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 femalefemale 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.

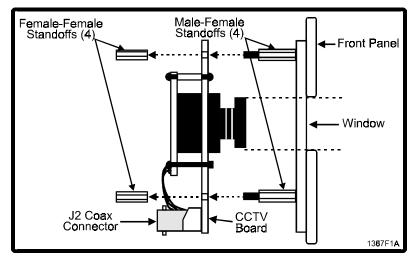
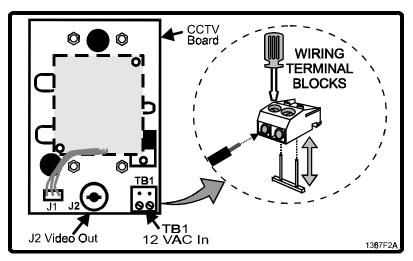


Figure 1: Mounting the CCTV Board



**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.