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# **Camera Stand**

## **Reference Manual**

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**P/N 00633011**

**E. F. Bavis & Associates, Inc.**

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# Camera Stand

## Table of Contents

General Notes.....	1
Installation Procedure .....	2
Camera Stand Installation Accessories List.....	3
Wiring Diagram .....	4

## **General Notes**

The CAMERA STAND is designed to provide a secure, controlled environment for surveillance cameras used in drive-thru applications. A powder coated aluminum security door is provided which closes automatically when the host machine is turned off or by a manual control when used in a stand alone configuration.

A high efficiency fluorescent lamp is provided. This lamp features a low temperature ballast for assured starting in cold weather and a Kelvin temperature of 2500k or lower which maximizes lighting effectiveness for CCTV applications. The lamp turns off when the security door is closed to extend tube life. A translucent acrylic diffuser style lens covers the lamp.

A large camera opening covered with an acrylic lens is provided to allow a wide range of camera positions. A camera mount is provided which has full length slots and allows the camera to be adjusted to four axes.

The CAMERA STAND was designed to accept most DC or remote power supply CPD or CCD cameras with a 4.8mm standard or auto iris lens. We have used a Panasonic WVCD-22 camera with a Rainbow S4.8mm X 1:1.8 fixed element lens with very high success.

## **Installation Procedure**

The CAMERA STAND gets secured to the island via two holes provided in the base. A sheet metal or machine screw can be used in conjunction with the SMALL DIAMETER STAINLESS STEEL SPACER to secure the CAMERA STAND to the host machine. A ½” nipple, LARGE STAINLESS STEEL SPACER, nuts and bushings are provided to maintain an acceptable path for the wiring to follow from the host machine to the CAMERA STAND. It will be necessary to drill a 7/8” hole in the side of the CAMERA STAND and the host machine. A Unibit or Greenlee hole punch works well for this task. When used in a stand alone mode, it may be necessary to remove base column and secure the gray base frame to the island.

120vac power is required at the CAMERA STAND for powering the lamp, camera and door. This power can come from the door heater terminals of an AVII or from the line cord of an AV2000/AV3000 if utilized in conjunction with these products. A V3L limit switch is provided to “slave” the CAMERA STAND door from the door of the host unit. This limit switch attaches in tandem with the existing lower limit switch on the host machine. Longer 4-40 screws are provided for this purpose. When this limit switch is in its normal position, the door of the CAMERA STAND will close. When the limit switch is depressed, the door will open. After fully opening, the lamp in the CAMERA STAND will come on along with the camera power receptacle. It will be necessary to fish the camera’s coaxial cable inside the skin of the host machine. A ninety-degree coaxial connector is provided with these instructions.

Please address any problems or questions to the Technical Service Department at (513) 677-0500.

**Camera Stand  
P/N 05301591**

**Camera Stand Installation Accessories  
P/N 05301191**

<b>Part Number</b>	<b>Description</b>	<b>Qty.</b>
05206011	Lamp and Adapter	1
05208011	90° B.N.C. connector	1
05218011	Small diameter stainless steel spacer	1
05219011	Large diameter stainless steel spacer	1
06926013	½" nipple	1
06926014	Pipe nuts	2
06926015	Bushings	2
06999011	#8 spanner screwdriver	1
93060653	#8 x 3/8 spanner sheetmetal screws	6

### HARNES

- (1) 18-3 SVT CORD 17'6" \_\_\_\_\_ WHT.= RED FORK EACH END  
GRN.= RING EACH END  
BLK.= RED FORK ONE END
- 18 GA. WIRES
- (2) BLK. 23" \_\_\_\_\_ .187 FI & STRIP
- (1) BLK. 16" \_\_\_\_\_ RED FORK & STRIP
- (1) BLK. 9" \_\_\_\_\_ .187 FI & STRIP
- (1) WHT. 16" \_\_\_\_\_ RED FORK & STRIP
- (1) WHT. 12" \_\_\_\_\_ .187 FI & STRIP

- (1) 22 GA. 3 WIRE 88'GRAY JACKET RED 20"  
STRIP 20" \_\_\_\_\_ BLK. 3"  
STRIP 3" \_\_\_\_\_ GRN.4"  
\_\_\_\_\_ .187 FI ALL WIRES

### 22 GA. WIRES

- (1) RED 22" \_\_\_\_\_ .189 FI & .250 FLAG N.I.
- (1) BRN. 4" \_\_\_\_\_ .189 FI & .250 FLAG N.I.
- (1) GRN. 4" \_\_\_\_\_ .187 FI & STRIP

### ALL LIMIT SWITCHES

V3L-131-D8  
P/N 00305011

### CAMERA STAND WIRING

