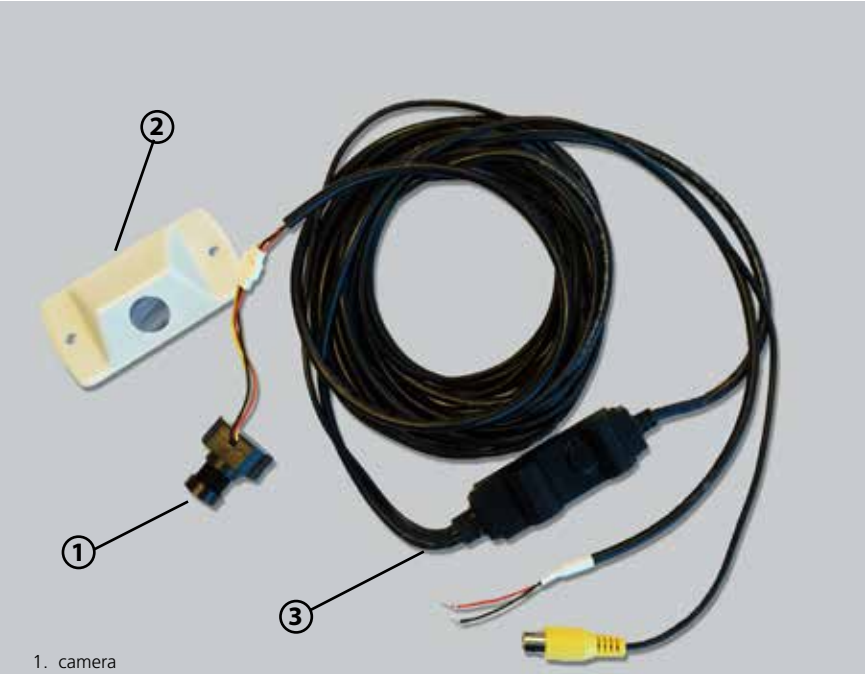
JAMB CAM

[redacted]

Low Profile, Door Jamb,
Color Video Camera
(US version)

DESCRIPTION



1. camera
2. housing
3. power supply / video harness

COMPONENTS

DESCRIPTION	PART NUMBER
CMOS Camera	12.1000
2.5 mm Lens	50.5277
Power/Video Harness	20.5316
Housing	70.5528
Housing Screws	50.1818
Camera Screws	50.5276
User's Guide	75.5779
Mounting Template	75.5780

REQUIRED TOOLS

TOOL
Power Drill
Tape Measurer
Magnetic Phillips #0
Phillips #2
1/8" Drill Bit
1 1/4" Drill Bit
Multimeter
Caulk & Caulking Gun

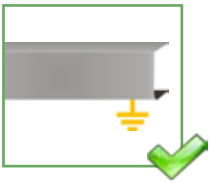
PRECAUTIONS

CAUTION

- ❑ Shut off all power going to header before attempting any wiring procedures.
- ❑ Maintain a clean & safe environment when working in public areas.
- ❑ Constantly be aware of pedestrian traffic around the door area.
- ❑ Always stop pedestrian traffic through the doorway when performing tests that may result in unexpected reactions by the door.
- ❑ ESD (electrostatic discharge): Circuit boards are vulnerable to damage by electrostatic discharge. Before handling any board ensure you dissipate your body's ESD charge.
- ❑ Always check placement of all wiring before powering up to ensure that moving door parts will not catch any wires and cause damage to equipment.
- ❑ Ensure compliance with all applicable safety standards (i.e. ANSI A156.10) upon completion of installation.
- ❑ DO NOT attempt any internal repair of the components. All repairs and/or component replacements must be performed by BEA, Inc. Unauthorized disassembly or repair:
  1. May jeopardize personal safety and may expose one to the risk of electrical shock.
  2. May adversely affect the safe and reliable performance of the product resulting in a voided warranty.

- The device should not be used for purposes other than its intended use. All other uses cannot be guaranteed by the manufacturer of the sensor.
- The installer of the door system is responsible for carrying out a risk assessment and installing the sensor and the door system in compliance with applicable national and international regulations and standards on door safety.
- The manufacturer of the sensor cannot be held responsbile for incorrect installations or inappropriate adjustments of the sensor.

SAFETY



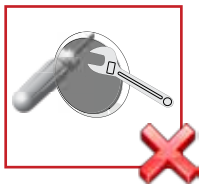
The door control unit and the door cover profile must be correctly grounded.



Only trained and qualified personnel may install and setup the sensor.



Always test the proper operation of the installation before leaving the premises.

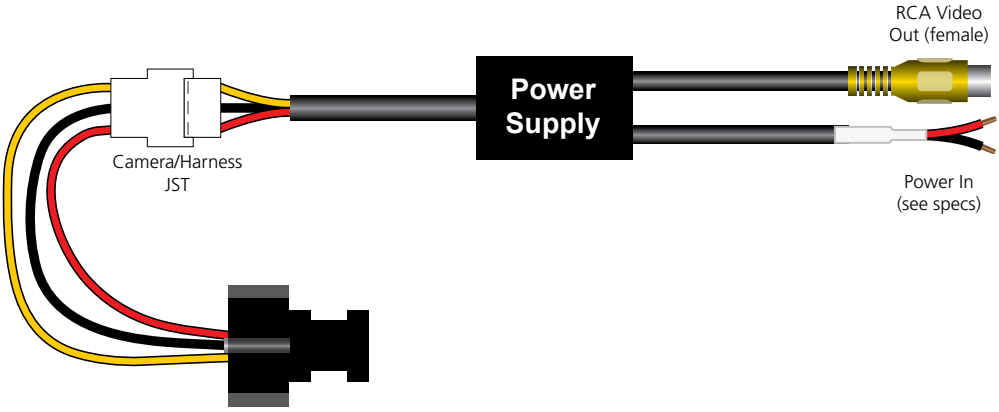


The warranty is invalid if unauthorized repairs are made or attempted by unauthorized personnel.

The jamb cam focus is preset and is not adjustable.

The jamb cam must remain powered on when the door system is powered off. Therefore, the jamb cam power supply must be wired to an external transformer which is wired to the 120 VAC main power.

INSTALLATION



NOTE: Make sure power is OFF before installing jamb cams

1) Determine mounting location and apply mounting template to jamb

NOTE: For best results, horizontal center line of mounting template should be 54" from ground

2) Predrill two (2) 1/8" mounting holes and one (1) 1 1/4" camera hole

3) Determine appropriate camera orientation and mount camera into housing

NOTE: If mounting on LEFT jamb, camera wire should lead towards housing window (out of housing) and if mounting on RIGHT jamb, camera wire should lead away from housing window (into housing)

4) Plug camera into power/video harness

5) Route power/video harness up jamb into door header

6) Connect RCA video out from power/video harness into appropriate RCA video in

7) Wire nut red and black power wires to external transformer

8) Fasten housing onto jamb with supplied screws

NOTE: If mounting in exterior application, apply a bead of silicone caulk to back of housing

TECHNICAL SPECIFICATIONS

Power Supply	6.6 - 36 VDC (+/- 10%) 6 - 28 VAC (+/- 10%)
Operating Temperature	-30° to 60° C (RH 95% max)
Video Output	1.0 (Vp-p) / 75Ω
Image Sensor	CMOS
Horizontal Resolution	480 TVL
NTSC Output	720 (H) x 480 (V)
Sync System	Inter-Sync
Frame Rate	30 fps
Minimum Illumination	0.01 LUX
AE Control	Auto
Gain Control	Auto
Electronic Shutter	1 s ~ 1/10,000 s
S/N Ratio	>50 dB
AWB	Auto

Specifications are subject to change without prior notice.
All values measured in specific conditions.

TROUBLESHOOTING

No image displaying	Power not connected	Connect power wires
	Power not correct	Verify appropriate voltage
	Bad camera	Replace camera
Image upside down	Camera rotated incorrectly	Rotate camera 180 degrees
Distorted image	Power not correct (too low)	Verify appropriate voltage, increase
	Bad camera	Replace camera
	Dirty window	Clean window

PLEASE KEEP FOR FURTHER USE - DESIGNED FOR COLOR PRINTING

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A HALMA COMPANY

ANSI / AAADM Compliance

ANSI AAADM American Association of Automatic Door Manufacturers

Upon completion of the installation or service work, at a minimum, perform a daily safety check in accordance with the minimum inspection guidelines provided by AAADM. Provide each equipment owner with an owner's manual that includes a daily safety checklist and contains, at a minimum, the information recommended by AAADM. Offer an information session with the equipment owner explaining how to perform daily inspections and point out the location of power/operation switches to disable the equipment if a compliance issue is noted. The equipment should be inspected annually in accordance with the minimum inspection guidelines. A safety check that includes, at a minimum, the items listed on the safety information label must be performed during each service call. If you are not an AAADM certified inspector, BEA strongly recommends you have an AAADM certified inspector perform an AAADM inspection and place a valid inspection sticker below the safety information label prior to putting the equipment into operation.