



Universal 800 TV Line Micro Camera

Visit iBEAMUSA.com for more detailed information about the product.

Product Features

- 55° fixed angled camera
- Resolution: 800 TV Lines
- Water resistant - IP69
- Mirror image - switchable
- Selectable parking lines or independently triggered
- Viewing angle: 188° Diagonal, 155° Horizontal, 133° Vertical

Part Components

A) Camera B) Hardware and harness

A



B



TABLE OF CONTENTS

| | |
|----------------------|---|
| Wiring | 2 |
| Specifications | 3 |

TOOLS REQUIRED

- Wire stripper
- Tape
- Digital Multi-meter
- Cutter

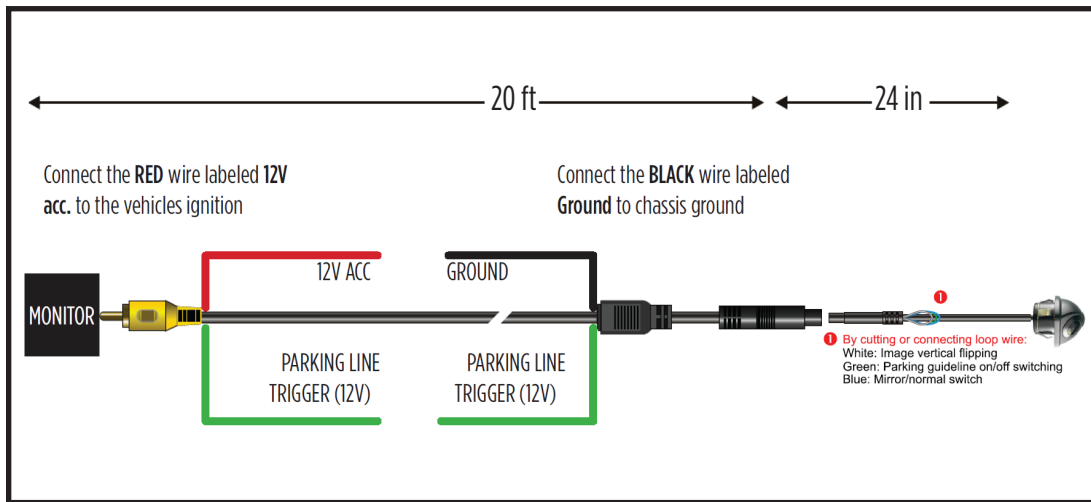
Attention! When testing the aftermarket equipment, ensure that all factory equipment is connected before cycling the key to ignition.

WIRING/INSTALL

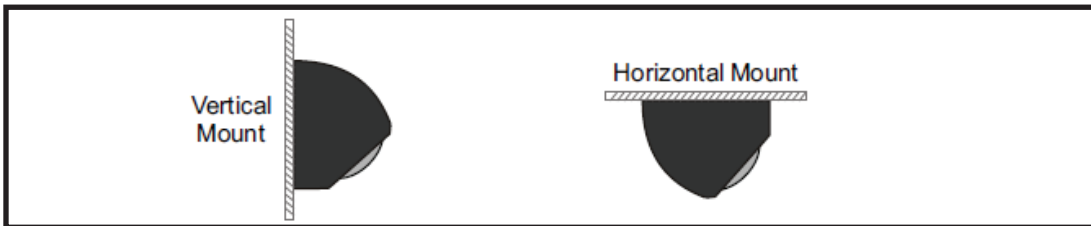
Camera Wiring/Install (Figure A)

1. Find a desirable location to mount the camera. Make sure this location is away from moving objects and has a clear visual of the desired view wanted from the camera.
2. Drill a 22mm size hole for the camera and wiring to be ran into the vehicle.
3. Connect the wires to the designated sources below. **Verify with a multi-meter that the correct wire is being used**
 - **RED** wire to 12V reverse or accessory if desired
 - **BLACK** wire to chassis ground
 - **GREEN** wire is to activate the parking lines. If parking line are desired, this can be wired to a 12v reverse signal.
4. Run the extension wire to the location where the visual will be displayed, ex. aftermarket radio or monitor.
5. There are three loops located on the camera wire.
 - **GREEN** loop - Parking lines on/off
 - **BROWN** loop - Mirror/normal image
 - **WHITE** loop - Image vertical flipping

NOTE: Figure B shows WHITE loop mounting



(Figure A)



(Figure B)

SPECIFICATIONS

| | |
|---------------------------|---|
| Image Sensor | 1/4 color cmos |
| Signal | NTSC |
| Resolution | 800 TV Lines |
| Viewing Angle | 188° Diagonally, 155° Horizontal, 113° Vertical |
| Minimum Illumination | 0.01 Lux/F1.2 |
| Current Consumption | 25-55 mA |
| Power Range | 6V-26V DC |
| S/N ratio | 46 dB |
| Operating Temp. | -40° C ~ 75° C |
| Storage Temp. | - 60° C ~ 105° C |
| Water Resistance | IP69 |
| Mirror/Normal Image | Selectable |
| Parking Line | Selectable |
| Horizontal/Vertical mount | Selectable |
| Diameter | 26.2mm (W) * 27.7 mm (D) * 16.2mm (H) |



TE-MIPI
INSTALLATION INSTRUCTIONS
#IBEAMSAFETY



Having difficulties? We're here to help.



Contact our Tech Support line at:
386-257-1187



Or via email at:
techsupport@metra-autosound.com

Tech Support Hours (Eastern Standard Time)

Monday - Friday: 9:00 AM - 7:00 PM

Saturday: 10:00 AM - 7:00 PM

Sunday: 10:00 AM - 4:00 PM



KNOWLEDGE IS POWER

Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto www.installerinstitute.com or call 800-354-6782 for more information and take steps toward a better tomorrow.



Metra Recommends MECP certified technicians