

PLCM11X2

Unique Elements:

- Equipped with 12 high-intensity LED lights
- Automatically enhances visibility in low-light conditions
- IP68-rated camera performs reliably in extreme weather
- Adjustable 105° horizontal viewing angle allows you to customize the camera position
- LEDs activate to provide sharp, well-lit images

Features:

- Standard Definition image & true color accuracy
- Designed to eliminate blind spots and help avoid obstacles when reversing
- Clear image with enhanced low-light performance —no blurring, fading, or discoloration
- Ensures confident and safe parking at night
- Built to withstand powerful water jets from rain or car washes
- Offers optimal visibility and reduced risk of accidents
- Compatible with most vehicles, including cars, SUVs, trucks, RVs and vans
- Install the camera on license plate frame or mount it on the rear, front, or side of the vehicle
- All necessary tools are included for easy installation

What's in the Box:

- Back Up Camera with 12 LED Lights
- 6M AV cable
- Power cable
- Screws



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Technical Specs:

- Image System: NTSC
- Resolution: 640 x 480 pixels
- Viewing Angle: 90° - 105° wide-angle (adjustable)
- Night Vision: Yes
- LED Activation: Automatic
- Waterproof Rating: IP68
- Operating Voltage: 9V-12V
- Compatible Vehicles: 12V DC vehicle compatible
- Installation Options: Butterfly bracket mount
- Camera Orientation: Front/Rear/Side
- Image Output: RCA
- Operating Temperature: -20°F to 70°F
- Power Consumption: ≤ 3W
- Cable Length: 20 ft.
- Sensor Type: CMOS
- Signal-to-Noise Ratio (SNR): ≥48 dB
- Minimum Illumination: 0.01 Lux
- Mirror Image Option: Supported
- Parking Guidelines: Supported
- Frame Rate: 30 fps
- Lens Type: Wide Angle
- Latency: 80ms
- Item Weight: 0.53 lbs.
- Product Dimensions (L x W x H): 1 x 1 x 1 inches

California Prop 65 Warning

WARNING:

This product may expose you to chemicals, which is known to the state of California to cause cancer, birth defects and other reproductive harm. Do not ingest.

For more info go to: www.P65warnings.ca.gov



Questions? Comments?

We are here to help!

Phone: (1) 718-535-1800

PyleUSA.com/ContactUs

Functions

1. Automatically turns on when the vehicle is shifted into Reverse gear and turns off when exiting Reverse.
2. Wide-angle high-definition image clearly shows rear conditions and obstacles.
3. Equipped with night vision / low-light assist for clear visibility at night.
4. Supports guideline display on the head unit for distance judgment.

Cautions

1. This product is intended for reversing assistance only. It is not a replacement for manual observation.
2. Do not damage the vehicle's original wiring. Professional installation is recommended.
3. The wide-angle lens may produce slight perspective distortion. Always carefully check for nearby obstacles.

Wiring Diagram

Rear Camera Side

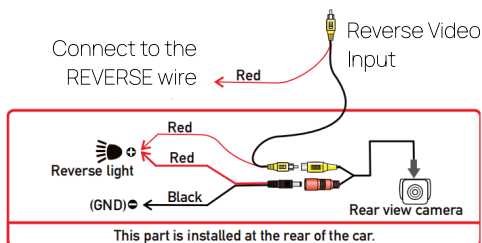
1. **Red wire** → Connect to reverse light +12V
2. **Black wire** → Connect to chassis ground
3. **Video + trigger wire** → Route to the dashboard

Head Unit Side

1. **Yellow RCA** → Insert into CAM IN / AV IN
2. **Blue trigger wire** → Connect to REVERSE wire
3. Enable rear-view function in the head unit settings.

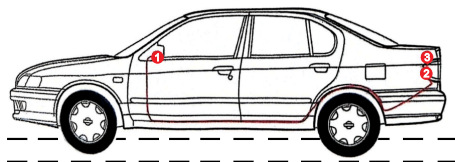
Installation Steps

1. Disconnect the negative battery terminal for safety.
2. Locate the reverse light positive (+) and negative (-) wires.
3. Connect the wires by matching colors. Insulate and waterproof all connections.
4. Route the video and trigger cables to the head unit.
5. Shift into R (Reverse) gear to test.



System Components:

1. Monitor
2. Camera Power Source
3. Camera



How to Use

1. Start the vehicle and shift into R (Reverse) gear. The screen will automatically switch to the rear-view display.
2. Shift out of Reverse gear. The screen will automatically return to the main interface.

Maintenance

1. Clean the camera lens regularly using a soft cloth to maintain a clear image.
2. Avoid directing high-pressure water spray at the camera.
3. If the image appears abnormal, check that all wiring connections are secure.

Troubleshooting

1. **No image:** Check the power supply, video cable, and reverse light connection.
2. **No automatic switching:** Check the trigger wire connection.
3. **Flickering image:** Check for loose connections or unstable voltage.

Register Product

Thank you for choosing PyleUSA. By registering your product, you ensure that you receive the full benefits of our exclusive warranty and personalized customer support. Complete the form to access expert support and to keep your PyleUSA purchase in perfect condition.

Start Here



Model Number:
PLCM11X2

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