

# Millimeter Wave Radar Detection System with 1080P Camera

This 1080P 77GHz radar detection system uses millimeter-wave technology. Designed for heavy vehicles, it provides visual and audible alerts to operators, enabling proactive safety measures.



## ADDITIONAL IMAGES



## Product Overview

### Advanced Safety Solution

This 77GHz millimeter-wave radar detection system is engineered for heavy vehicles, including trucks, construction, and agricultural machinery. By integrating high-definition 1080P camera technology with precise radar sensing, it provides operators with visual and audible alerts to mitigate blind spot dangers. Designed for all-weather reliability, the system ensures 24-hour operation, significantly enhancing safety during reversing, parking, and lane changes.

## Technical Specifications

Radar Frequency	77GHz
Video Resolution	1080P
Environmental Capability	All-weather operation, 24-hour monitoring, Fog resistant, Rain resistant

## System Components

### Included Components

- 1080P Camera (FHD-639)
- Monitor (HD-261D)
- Radar Sensor
- Control Box
- Buzzer

## System Features

### Core Capabilities

AHD Image alarm overlapping • Detection range limit • Width limit • Wi-Fi configuration support

### Configuration Methods

- Computer (USB to UART)
- Mobile Phone (Optional)

## Applications

### Suitable For

Heavy Trucks, Construction Machinery, Agricultural Machinery