

# Bluetooth CCD Wheel Alignment System

This system utilizes CCD technology to ensure accurate wheel alignment. It features wireless data transmission via Bluetooth and user-friendly software.



## Overview

### Professional CCD Wheel Alignment System

This advanced wheel alignment system utilizes 8-beam infrared CCD image recognition technology to deliver high-precision 360° chassis measurement. Designed for efficiency, it features 'Zigbee' wireless communication for reliable, high-speed data transmission and includes an intelligent power management system. The platform is fully equipped with a comprehensive vehicle database, 3D animation guidance, and robust diagnostic tools to streamline alignment workflows in professional workshops.

## System Configuration

### Included Components

- Compact wheeled cabinet with built-in power and charging
- 4 high-capacity Lithium battery-powered sensors
- Computer system with 19" LCD monitor
- Color ink printer
- 4 self-centering 11"-21" tire clamps
- 2 mechanical turntables
- Steering wheel and brake pedal fixers

### Communication Technology

Zigbee Wireless • Infrared CCD

## Technical Performance

### Key Measurement Capabilities

**360 degrees**

Measurement Range

**8 infrared beams**

Beam Count

### Software & Database

- Windows XP/7 compatible
- Database covering 20,000+ vehicle types
- Bi-annual online database updates
- 3D animation navigation and training
- Multi-language voice guidance

## Operational Features

### Advanced System Functions

Feature	Benefit
JACK-HOLD	Freezes data during lift adjustments
Black Box	Records operation history for diagnosis
Self-Diagnosis	Unified and individual sensor correction
Compensation	180° offset and lift runaway compensation