

Waste Management Solution

Safeguarding optimal efficiency in the municipal management

Waste Collection

HeatPro Series Camera
Fire Detection

Body-Worn Camera
Personal Safety

DeepinView Series Camera & Analysis Server
Waste Overflow Detection

Landfill

HeatPro Series Camera
Illegal Burning

DeepinView Series Camera
Privacy Protection

DeepinView Series Camera & Analysis Server
Fly Tipping Detection

Waste Transfer

Interior Mobile Camera
Exterior Mobile Camera
Mobile Recorder
Intercom
LCD Monitor
Vehicle Tracking & Video Security

DBA Camera
BSD Camera
ADAS Camera
Analysis server
Speed Radar
Driver Protection & Assistance

Waste Recycling

ANPR Camera
Barrier Gate
LED Screen
Trigger
Video Intercom
Vehicle Entrance & Exit

HeatPro Series Camera
Fire Prevention

AcuSense Camera
Restricted Area Monitoring

AcuSense Camera
HeatPro Series Camera
DS-MP76 Series
Perimeter Fence Detection

HikCentral VMS



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What we offer

Hikvision's Waste Management Solution provides an end-to-end full life cycle solution for our customers. By combining multi-dimensional perception, thermal imaging, and artificial intelligence technologies with video security, we can enhance waste management by monitoring the level of waste bins in real-time, detecting risks earlier, and enhancing operational security.

Waste Transfer



Vehicle Tracking & Video Security

- Intelligent Driving Analysis
- Blind Spot Detection
- Intelligent Front-Collision Warning
- Speed Radar Detection for Rear Collisions

Driver Protection & Assistance

- Panic Button Alert
- Real-time Monitoring
- Route & Speed Control
- Video Recording & Retrieval



Solution workflow



- Video evidence during collection
- Safety risks during collection

- Evidence for accidents & drivers' innocence
- At-risk driving detection

- Fire detection
- Evidence of overloading & data spoofing
- Personal data protection

- Supervision over waste procedures

Waste Recycling



Virtual Guard Patrol

- Convenient and controllable guard patrol solution
- Real-time anomaly report

Fire Prevention

- Temperatures visualized
- Early detection & warnings

Perimeter Fence Detection

- Video-based perimeter protection
- Thermal-based perimeter protection
- Audio and visual warnings

Weighbridge Integration

- Unmanned weighbridge on site
- Free from handwritten and manual entries
- Monitoring overloaded vehicles

Entry & Exit Management

Waste Collection



Smoke & Fire Detection



Waste Bin Overflow Detection



Personnel Safety Protections

Landfill



AI Training Platform



Large scale fly tipping incident



Illegal burning of waste



Illegal waste site