HIKVISION®

Waste Management
Solution

Safeguarding optimal efficiency in the municipal management

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.

Solution workflow

01
WASTE COLLECTION
- Video evidence during collection
- Safety risks during collection

02
WASTE TRANSFER
- Evidence for accidents & drivers' innocence
- At-risk driving detection

03
WASTE RECYCLING
- Fire detection
- Evidence of overloading & data spoofing
- Personal data protection

04
LANDFILL
- Supervision over waste procedures

Waste Collection

Smoke & Fire Detection

Waste Bin Overflow Detection

Personnel Safety Protections

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

Waste Recycling

Fire Prevention

- Temperatures visualized
- Early detection & warnings

Virtual Guard Patrol

- Convenient and controlla-ble guard patrol solution
- Real-time anomaly report

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

Landfill

AI Training Platform

Large scale fly tipping incident

Illegal burning of waste

Illegal waste site

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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