



# HIKVISION: Providing Solutions As Unique As Your Business

Hikvision Security Solutions for Grow Facilities, Processing Centers, and Dispensaries

**HIKVISION**<sup>®</sup>





# Robust Security for Regulatory Compliance

Hikvision technology makes it easier than ever for cannabis distributors, growers, and retailers to protect assets and meet local and state regulations—including 24/7 storage of surveillance video—without exceeding budgets.

Perimeter protection, entrance and exit detection, temperature monitoring, and access control for employee-authorized access, all support a comprehensive security ecosystem for your business.

## SECURITY EQUIPMENT THAT PROVIDES BUSINESS INTELLIGENCE AND BETTER ROI

Increased demand for cannabis combined with constantly evolving regulations creates a monumental challenge for cannabis distributors, growers, and retailers. Hikvision offers leading edge technology with an outstanding value, making it easier than ever to maintain video recordings as needed to meet local and state regulations, without exceeding your budget. Hikvision offers this and more:

- Affordable recorders for regulatory compliance, within budget
- Point-of-Sale (POS) integration with in-store video for transaction verification and prevention of costly customer exceptions
- H.265+ video compression technology reduces bandwidth requirements, allowing cost-efficient storage of high-resolution video for asset protection and regulatory compliance
- HikCentral, Hikvision's central management system (CMS), enables ease of managing single and multiple sites from one central location

# HikCentral: Centralized Management Solution for the Cannabis Industry

HikCentral, Hikvision's CMS, provides economies of scale. HikCentral supports management of one or multiple locations, increasing situational awareness. It can be monitored from a central station or remotely from a laptop or smartphone. HikCentral also provides these benefits:

- Security personnel can receive alarm notifications, view maps, monitor video footage, and issue temporary visitor access cards. System administrators can access credentials and view detailed reports on system activity and status from any location.
- Video analytics accurately distinguish humans and vehicles. HikCentral can reduce false alarms and supports facial recognition for quick authorized access and record-keeping. License Plate Recognition enables authorized staff and visitors to securely access parking.
- Maximize asset protection with smart analytics such as perimeter protection, line crossing and exit/entrance detection, and early advanced warning capabilities. Also supports indoor/outdoor facilities monitoring and day/night monitoring (thermal DarkFighter).
- Identify employees via biometrics, track assets from seed to sale, while ensuring safety and accountability throughout the process.
- Automated reporting capabilities provide specialized cannabis POS integration for better tracking and audit trail by viewing camera footage and POS data simultaneously.

## HIKCENTRAL CENTRALIZED SECURITY ECOSYSTEM



# Cannabis Industry Security Solutions



## MAP LEGEND

### 01 Facility Entrance/Exit:

Our high resolution, high frame rate video, captures details at entrances and exits, enabling staff to visually identify people and assets during the entire cannabis lifecycle, from planting and growing, to sale, while complying with regulations.

### 02 Stock Room:

Our 360- and 180-degree panoramic cameras provide clear and unobstructed views of all product storage areas, minimizing the total number of cameras required for cost-effective solutions.

### 03 On-Site Vault/Package & Labeling Room:

Hikvision analytics fence off critical areas, creating alarm notifications when the area is breached. Analytics coupled with HikCentral CMS integration solutions assist with packaging and labeling, as well as tracking and auditing.

### 04 Seed/Extract Lab:

High resolution video, NVRs and H.265 video compression enables cost-effective video recording 24/7/365.

### 05 Grow Room:

Our thermal technology provides early warnings for fire detection, prevention, and detecting moisture levels in grow areas. Paired with our high quality video and images, it provides accurate monitoring data and ensures plant safety.

### 06 Loading Dock:

Our high resolution PTZ cameras zoom in on loading docks at every angle, ensuring detailed footage for asset protection and regulatory compliance.

### 07 Parking Lot:

Our DarkFighter, LightFighter and IR technology provide excellent visual quality in all lighting conditions, whether completely dark parking lots or over-exposed grow rooms. Thermal cameras increase visibility into heat and temperature, and can provide early warnings for fire detection and other operational improvements that improve your bottom line.





**HUMAN DETECTION TECHNOLOGY:** Hikvision's Deep Learning technology enables cameras to detect humans while filtering out insignificant objects such as animals or shadows. Human and vehicle detection systems help reduce false alarms and ensure better accuracy so security personnel can focus on what's important.

**DARKFIGHTER:** Hikvision's patented DarkFighter technology enhances image detail and color in extreme lighting conditions, providing sharp details in parking lots and areas with poor lighting.

**THERMAL CAMERAS:** Hikvision thermal solutions detect threats – such as increased heat and temperature fluctuations, – well before standard surveillance methods, providing early warnings for fire detection and prevention, and detecting moisture levels in grow areas.

**ACCESS CONTROL:** Access control and optical biometrics provide product and employee security, while ensuring only authorized personnel can access areas where permission has been granted.

**TurboHD™ CAMERAS:** A low cost solution for HD video over existing coaxial cable provides high quality video with less cable hassle than a typical IP camera upgrade.

**PANOVU CAMERAS:** Hikvision's PanoVu Multi-Sensor cameras are perfectly suited for vast coverage applications because they process and stitch multiple images together for high resolution panoramic views with megapixel detail, enabling cannabis facilities to cover a wide area with fewer cameras.

## FEATURED PRODUCTS

Human Detection Cameras



DarkFighter



Thermal Camera



Access Control



PanoVu





# Advanced Features at Value Pricing to Meet Budgets

## VALUE-BASED MARKET PRICING:

Our price advantages allow cannabis facilities to deploy superior technology while meeting budget requirements. This level of savings coupled with Hikvision's less than one percent technology failure rate enhances security.

## H.265+ COMPRESSION:

A revolutionary video compression algorithm that reduces video bitrate streaming between 60-80 percent over current H.264 standard. H.265+ greatly reduces network bandwidth consumption and lowers storage requirements by 40 to 60 percent compared to traditional H.264.

## TurboHD™ TVI SOLUTIONS:

Hikvision developed TurboHD TVI (HD over coax) solution, which takes advantage of existing coaxial cable infrastructure. It allows high definition video to be transmitted via the legacy cabling, reducing costs associated with upgrades to high definition video by up to 60 percent.

## POINT-OF-SALE INTEGRATION:

Using the HikCentral software platform to manage multiple store locations can potentially boost profits. The cloud-based point of sale integration merges POS data with associated video, providing better visibility into financial transactions. Users can utilize exception reporting to view trends and identify potentially fraudulent activity.

## DO MORE FOR LESS:

Hikvision's value line of cameras, DVRs and NVRs allow franchise owners to deploy more technology while meeting budget requirements. Providing this level of savings coupled with Hikvision's less than one percent technology failure rate ensures facility owners have access to the finest full coverage security system.

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