

HIKVISION Smart Solutions: Prevention and Rescue

A person in silhouette is rappelling down a rugged rock face on the left side of the image. The background is a dramatic sky with orange and yellow clouds, suggesting a sunset or sunrise. A diagonal white line separates the image from the text on the right.

2016

HIKVISION

#1 worldwide

video surveillance
total solution provider
With **10.9%** market share
by IHS Research
(for three consecutive years)

\$4B sales revenue,
with growth rate of **48%**,
(above **100%** in overseas market)

SMART evolution in IP surveillance
(NVR, Network Camera, PTZ Dome)

TURBO HD Analog Solution (720p/1080p)

- Singapore HDB project (**\$7M**, IP solutions)
- Safe City project in Korea (**\$1.6M**, PTZ domes)
- Affordable Housing Facilities project in New York
(over **5,000** channels video streams)

WHO WE ARE?

Established
in 2001

58% CAGR
(Compound Average Growth
Rate from 2004 to 2015)

12,000
employees

Total Solution Provider
in video surveillance industry

Over **200**
technology
partners

6,000
engineers

ONVIF / PSIA

Products used in
over 100 countries

Operating across a
broad spectrum of
industries

ADDRESSING SECURITY ACROSS VERTICALS

Transportation



Industrial



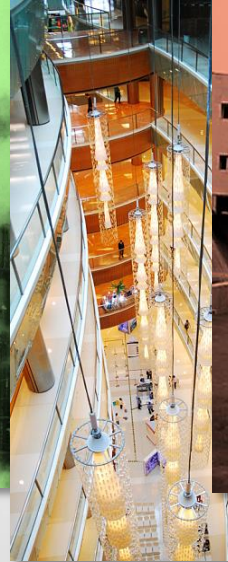
Residential



Smart City



Financial
Institution



Commercial



Education

TOTAL SOLUTION PROVIDER



Complete Video Management Software range

HIKVISION



iVMS-4200



iVMS-4500

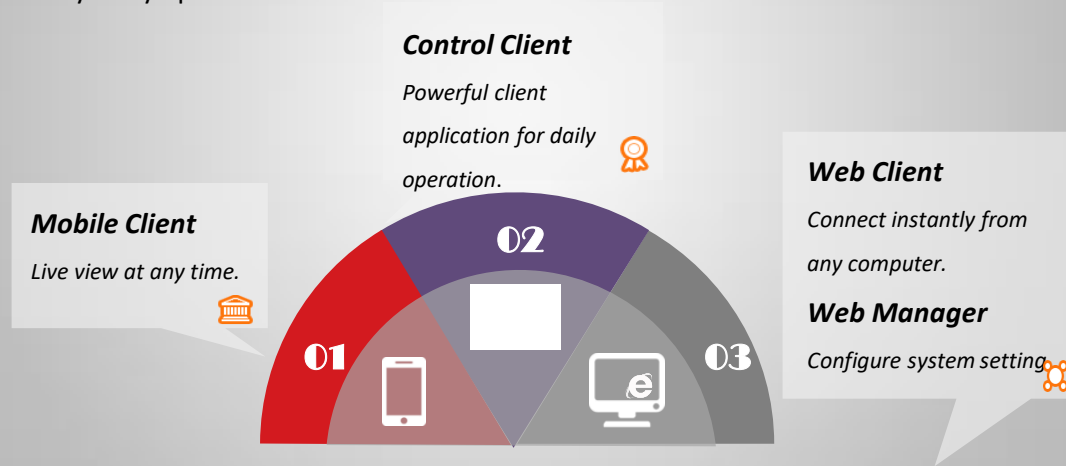


iVMS-5200 Professional /
Enterprise

- ◆ Free client software, easy-to-use operation, professional function, customized UI, multi-OS supported (iVMS-4200 / iVMS-4500)
- ◆ Free DDNS service (hik-online)
- ◆ Provide high-value platform for large-scale security solution (iVMS-5200)

iVMS-5200 – Video Management System

- ◆ Choose between flexible viewing interfaces in multiple languages.
- ◆ Get access to video recordings from any computer or mobile device.
- ◆ Users can always stay updated.





DS-2CD6980C
Multi-imagers Darkfighter
Panoramic Camera

- 4 x 5mm fixed lens
- 180° Horizontal View
- Up to 8MP resolution (4x2MP sensor)
- 120dB WDR
- Audio/Alarm IO
- IP66 outdoor
- Heater & fan optional



4 x rotated images in 1920x1080 resolution





Stitching to one panoramic image in (4096x1800) resolution





Audio Detection

Exceptional
sound

Smart Detection

- Cross line
- Perimeter detection
- Face detection
- Entering / exiting area
- New object / object stolen



DARKFIGHTER

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- **DS-2DY5223IW-AE 2MP&23X (2015.08)**
 - Darkfighter technology
 - H.265 / H.264 codec
 - +90° ~ -90° tilt range
 - IP66, 150m IR



- **DS-2DY9187-A1A 2MP&32X (1000m laser)**
 - 800m / 1000m IR distance
 - 32X optical zoom
 - tilt range +40° ~ -90

Laser fill light



- **DS-2DF7230I5-AEL 2MP&30X (5800m laser, released)**
 - 500m IR distance
 - 32X optical zoom
 - smart tracking, smart detection



- **DS-2DY9187-AI8 2MP&32X (800m laser, released)**
- **DS-2DY9187-AIA 2MP&32X (1000m laser, 2015.09)**
 - 800m / 1000m IR distance
 - 32X optical zoom
 - tilt range +40° ~ -90

THERMAL CAMERA

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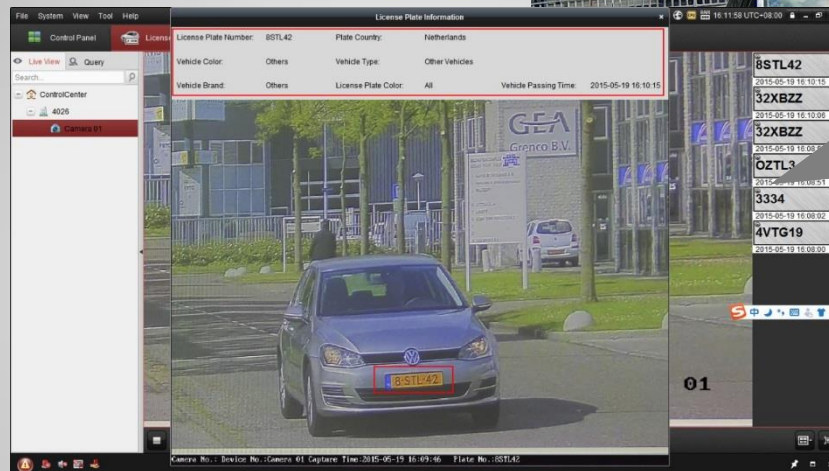
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License Plate Recognition

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IPC+iVMS5200



Recognize number
Blacklist/Whitelist Filtering
Alarm Triggering
Result Query
Remote configuration
ANPR

Smart Search
Smart Backup



Vehicle
Detection



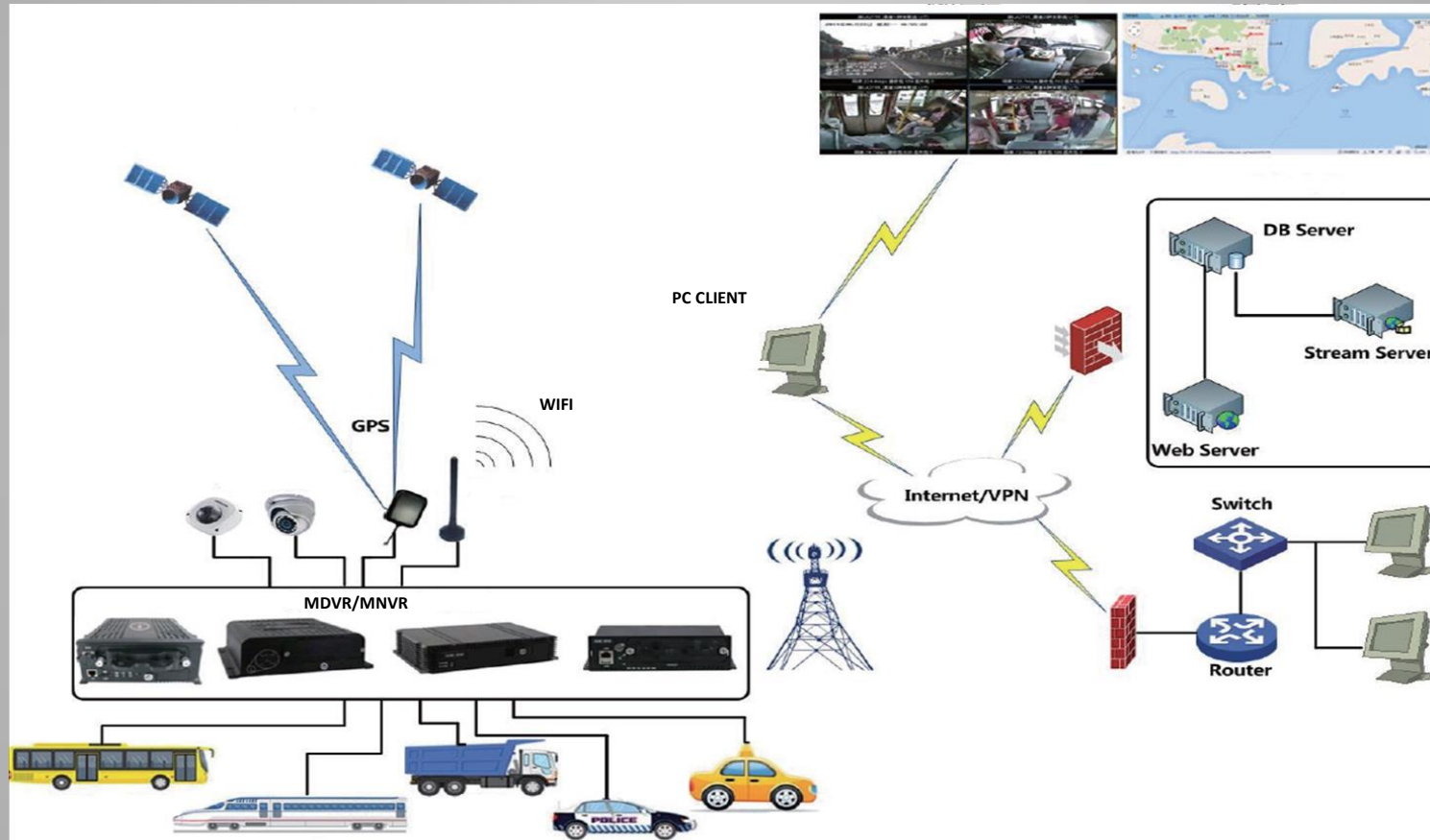
Smart IPC

SDK



iVMS5200-
Professional
or other 3rd
software

Mobile video surveillance



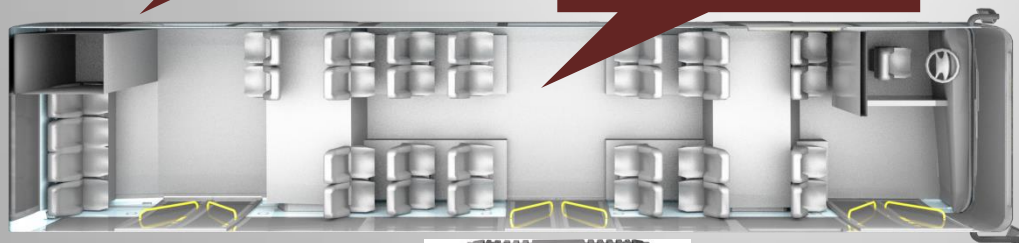
Framework of mobile monitoring system

Mobile video surveillance

Outer-vehicle Camera



Outer-vehicle Camera



2016-Q3

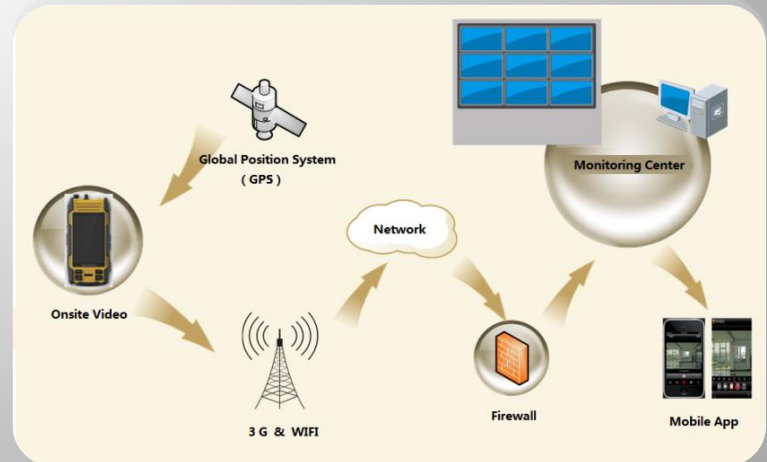


Portable Video Recording

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➤ Rescue operations

- ◆ Professional video & audio coding technology
- ◆ Superior video performance
- ◆ Versatile and robust
- ◆ Suitable for any kind of surveillance job and environmental conditions



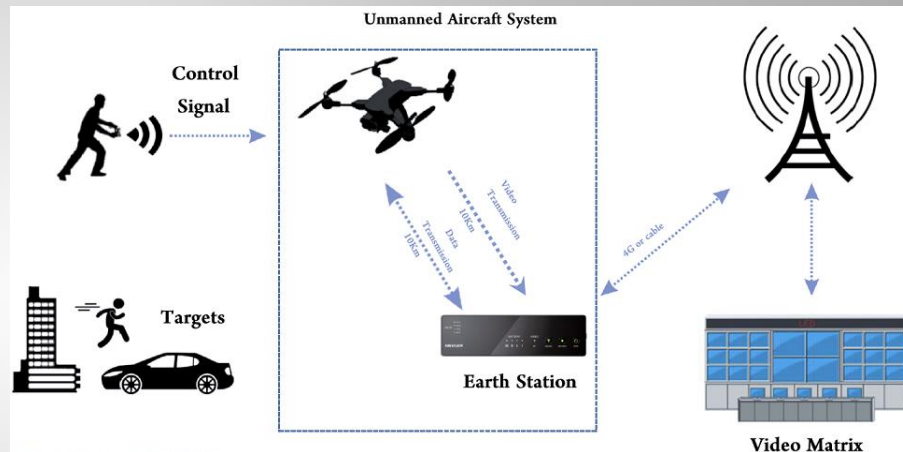
Portable Video Recording

➤ Rescue operations



- ◆ Fingerprint log-in
- ◆ Task received, camera recording
- ◆ Live view uploading
- ◆ Real-time instructions

➤ Rescue operations



- ◆ Increase the safety of staff: post-disaster survey
- ◆ Reduce personnel cost: aerial patrol
- ◆ Live view uploading
- ◆ Multiple sensors option