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TECHNOLOGY

"Enabling a safer society and smarter living"

ABOUT US

World-leading video-centric smart IoT solution and service provider

Canada
Lorex (CAN)
USA
Lorex (US)
Mexico
Panama
Colombia
Peru
Chile
Argentina
Brazil

Denmark
Netherlands
UK & Ireland
Belgium
France
Italy
Iberia
Tunisia
Morocco
Poland
Czech Republic
Germany
Hungary
Ukraine
Romania
Serbia
Bulgaria
Turkey
Georgia

Russia
Kazakhstan
Uzbekistan
Korea
Dahua HQ
Hong Kong
Dubai
Pakistan
India
Thailand
Sri Lanka
Malaysia
Kenya
Singapore
Indonesia
South Africa
Australia
New Zealand

22,000⁺ Employees

6,700⁺ Patent Applications

180 Distribution Coverage (Number of Countries & Regions)

58 Overseas Subsidiaries & Representative Offices

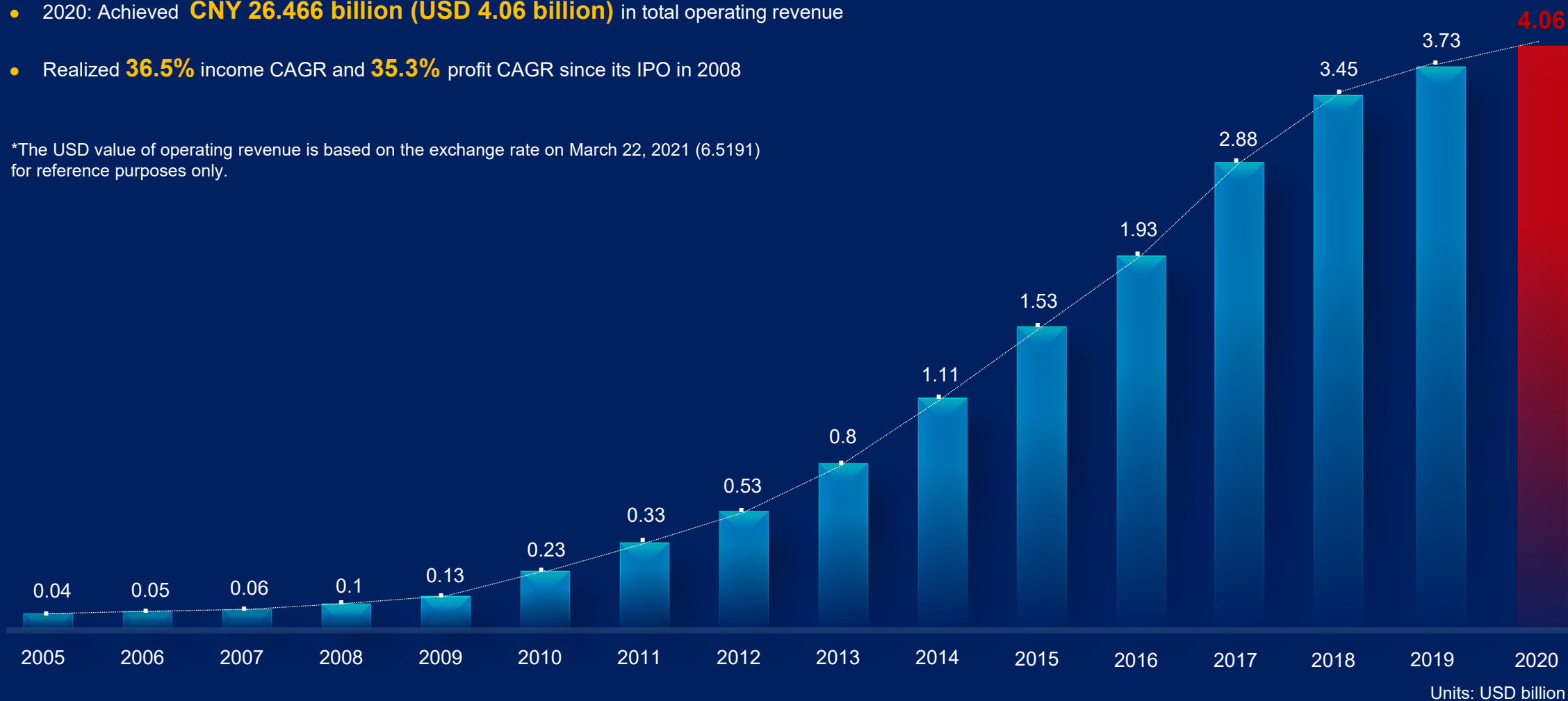**200⁺** China Offices

No.2* Global Market Share

*Source: Omdia 2020 Video Surveillance Analytics Market Share Database
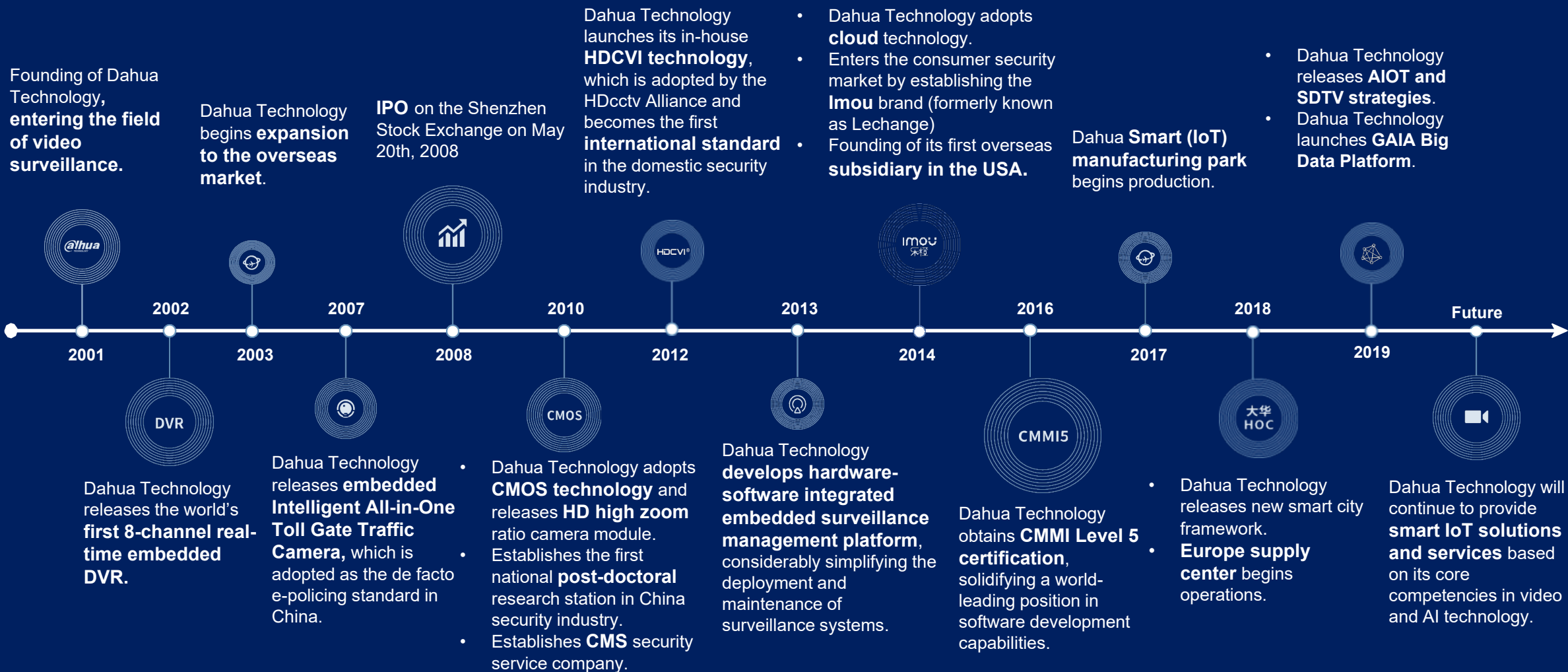
BUSINESS PERFORMANCE

- 2020: Achieved **CNY 26.466 billion (USD 4.06 billion)** in total operating revenue

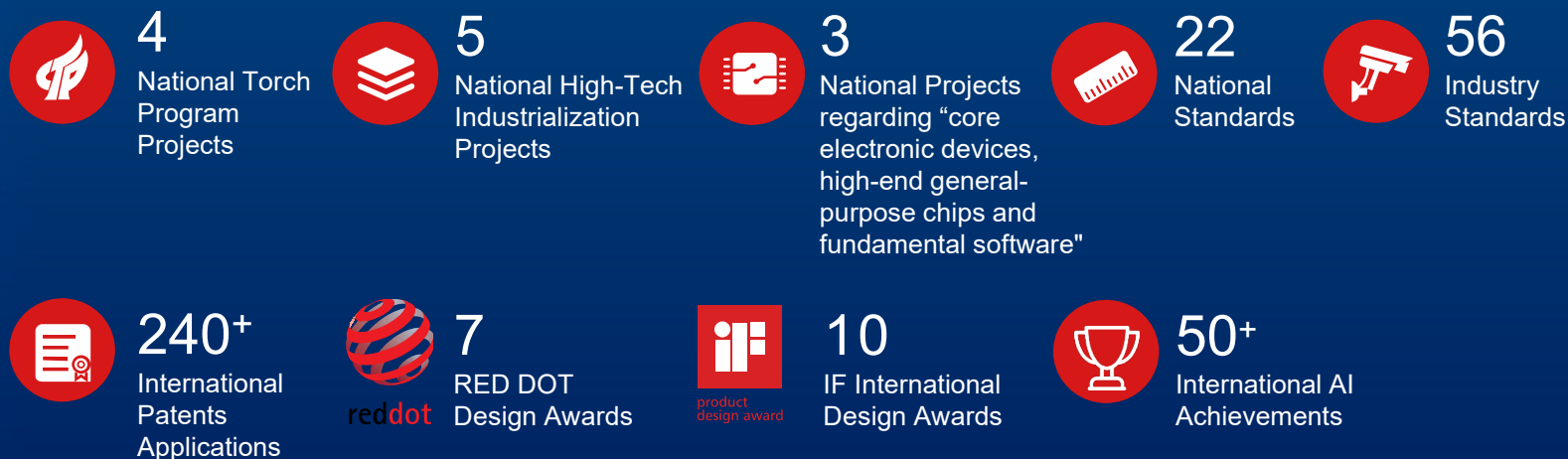- Realized **36.5%** income CAGR and **35.3%** profit CAGR since its IPO in 2008

*The USD value of operating revenue is based on the exchange rate on March 22, 2021 (6.5191) for reference purposes only.

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
0.04	0.05	0.06	0.1	0.13	0.23	0.33	0.53	0.8	1.11	1.53	1.93	2.88	3.45	3.73	4.06

Units: USD billion

HISTORY

Founding of Dahua Technology, **entering the field of video surveillance.**

Dahua Technology begins **expansion to the overseas market.**

IPO on the Shenzhen Stock Exchange on May 20th, 2008

Dahua Technology launches its in-house **HDCVI technology**, which is adopted by the HDcctv Alliance and becomes the first **international standard** in the domestic security industry.

- Dahua Technology adopts **cloud** technology.
- Enters the consumer security market by establishing the **Imou** brand (formerly known as Lechange)
- Founding of its first overseas **subsidiary in the USA.**

Dahua **Smart (IoT) manufacturing park** begins production.

- Dahua Technology releases **AIOT and SDTV strategies.**
- Dahua Technology launches **GAIA Big Data Platform.**

2002   **2007**   **2010**   **2013**   **2016**   **2018**

2001   **2003**   **2008**   **2012**   **2014**   **2017**   **2019**   **Future**

Dahua Technology releases the world's **first 8-channel real-time embedded DVR.**

Dahua Technology releases **embedded Intelligent All-in-One Toll Gate Traffic Camera,** which is adopted as the de facto e-policing standard in China.

- Dahua Technology adopts **CMOS technology** and releases **HD high zoom** ratio camera module.
- Establishes the first national **post-doctoral** research station in China security industry.
- Establishes **CMS** security service company.

Dahua Technology **develops hardware-software integrated embedded surveillance management platform**, considerably simplifying the deployment and maintenance of surveillance systems.

Dahua Technology obtains **CMMI Level 5 certification**, solidifying a world-leading position in software development capabilities.

- Dahua Technology releases new smart city framework.
- **Europe supply center** begins operations.

Dahua Technology will continue to provide **smart IoT solutions and services** based on its core competencies in video and AI technology.

INNOVATION

- Focused on building core competency and invests about **10%** of its sales revenue into R&D

- Maintained high R&D investment of **CNY 2.998 billion (USD 460 million)** in 2020, with **Over 50%** employees engaged in R&D

4 National Torch Program Projects

5 National High-Tech Industrialization Projects

3 National Projects regarding "core electronic devices, high-end general-purpose chips and fundamental software"

22 National Standards

56 Industry Standards

240+ International Patents Applications

7 RED DOT Design Awards

10 IF International Design Awards

50+ International AI Achievements

*The USD value of operating revenue is based on the exchange rate on March 22, 2021(6.5191) for reference purposes only.

5 Institutes

- **Advanced Technology Institute**
AI and cutting-edge technology research

- **Big Data Institute**
Cloud computing, cloud storage, big data technology research

- **Central Institute**
Core technology and new field technology research

- **Cyber Security Institute**
Safety compliance system construction & security technology research

- **Smart City Institute**
Theoretical research and implementation of new smart cities & government digital transformation

SERVICE

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With professional, fast, and end-to-end delivery and service capabilities, Dahua Technology has established an **integrated business center**, **operation and maintenance service center, in-depth design center, technical service center**, **training certification center, and customer service center** to provide global customers with delivery and other services throughout the solution's life cycle, creating a world-leading efficient and professional delivery and service platform.

Global Service Network

Dahua Technology provides users around the world with a multi-dimensional service network of headquarters, branch offices, and authorized service stations, which aims to improve service experience, user perception, and overall user satisfaction.

Full Lifecycle Delivery and Service System

With an efficient global professional service platform supported by four major systems, Dahua Technology provides customers with efficient, standard, professional and end-to-end delivery and services. It covers consulting and design, integrated delivery, maintenance service, system optimization and professional technical support, continuously creating service value for customers.

100 + Spare Parts Centers	**8,000+** Project Managers & Technical Service Staff	**2,000+** Service Partners
5-Star National Product After-sales Service Certification	**Excellent** Information System Construction & Service Capability	**Level 1** Professional Contracting of Electronics & Intelligent Engineering
Level 2 National ITSS Certification	**ISO20000** International Certification	**Level 1** Design, Construction & Maintenance Capability in Security Engineering

INNOVATIVE BUSINESS

With its deep understanding of the customers' diversified demands, and several years of experience in the smart IoT field, Dahua Technology actively explores new areas including machine vision & AMR, video collaboration, smart unmanned aerial vehicles (UAVs), smart fire control, automotive technology, smart storage, smart security check, smart display and control, etc., in order to provide more complete solutions to its customers worldwide.

01 MACHINE VISION & AMR

Zhejiang HuaRay Technology focuses on machine vision and mobile robot R&D, production and sales, and has industry leading techniques in image optimization, recognition algorithm, navigation and positioning. Products and solutions of the company are widely used in logistics, automotive, 3C, new energy and pharmaceutical industries. Its visual products include industrial cameras, intelligent cameras, 3D cameras and lenses, which are mainly used for code reading and recognition, defect detection, measurement, and positioning. Its mobile robot products covers latency, traction, forklifting, and sorting, which are mainly used in logistics warehouses and material handling.

02 VIDEO COLLABORATION

Huachuang Vision's mission is to "Make Communication Beyond Distance", with a focus on the design, R&D, production, sales and technical services of audio and video conferencing systems. Independent R&D of a comprehensive range of conferencing products includes video conferencing hardware terminals, software terminals, conference cameras, omnidirectional microphones, conference multi-point control units, conference management systems, cloud video platforms, etc. It also provides solutions for industry video conferencing uses, including executive meetings, distance learning, tele-medicine, tele-finance, remote help, and emergency command systems. The company has perfectly inherited the innovative gene of Dahua Technology. The technical R&D team accounts for 60% of employees at Dahua, and the company continues to increase allocation of expenses on product technology R&D.

03 SMART FIRE CONTROL SMART DRONE

Zhejiang Hovfree focuses on the R&D, sales, training and service support of intelligent UAV and intelligent robot. Based on audio and video technology of Dahua Technology, it integrates advanced navigation flight control, platform stabilization, power system, open communication, display control, active safety, and other core technologies in order to provide professional solutions for industry customers. Its products have been widely used in emergency command, forest fire prevention, road inspection, environmental monitoring, etc.

04 SMART Cities SOLUTIONS

Wisualarm is a fire prevention products and solutions provider. Leveraging on the technological advantages in video analysis, cloud computing, big data, smart IOT, etc., Wisualarm provides fire prevention and fire extinguishing services to help cities achieve comprehensive fire management. Based on various business scenarios, Wisualarm brings customers a wide range of products and solutions with a fire management software, which can be applied on building, energy, retail, banking, education and other industries.

INNOVATIVE BUSINESS

05 AUTOMOTIVE Transmit ion TECHNOLOGY

With video as its core, Zhejiang Huaruijie Technology is engaged in smart driving business, providing advanced automotive electronics products and solutions to the world, and actively expanding automotive's before and after market. Its products cover a full range of on-board cameras, on-board terminal hosts, active safety products, auxiliary driving devices, panoramic 360 viewing system, etc. They have been widely used in freight logistics, public transport, school buses, sanitation trucks and other application scenarios.

06 SMART STORAGE

Dahua Memory focuses on the R&D, manufacturing and sales of storage products, and serves the consumer market with standards that meet the high requirements of the industry. The company keeps innovating and researching in the storage field, and provides advanced memory card, SSD, U-Disk, PSSD, DRAM, NAS and other products to the world. Its business covers consumer, enterprise and industrial markets, and meets the needs of various application scenarios, providing a new storage experience to its world-wide users.

07 SMART SECURITY CHECK

As a supplier of equipment and systems for smart security check, Zhejiang Dahua Iscan Technology Co., Ltd integrates the security industry with a myriad of technologies such as artificial intelligence, big data and Internet of Things, providing reliable, convenient and advanced smart security check equipment and services to its global customers. Their products have been widely used in logistics, transportation, factories, shopping malls, museums and other public places.

08 SMART DISPLAY AND CONTROL

With more than ten years of industry technology experience, the Dahua Images and Graphics Business Global Department has developed a full range of product line covering LED displays, LCD displays, DLP rear projection splicing, information display devices, control systems, etc. Focusing on product planning, marketing, project delivery and after-sales services, it constantly puts emphasis on products and solutions related to display and control. It has also contributed several success stories in the industry.
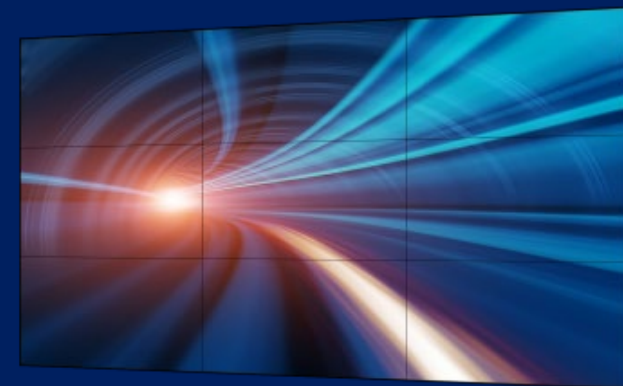
Channel Market Approach

B2B Business Flow & Eligible Partners
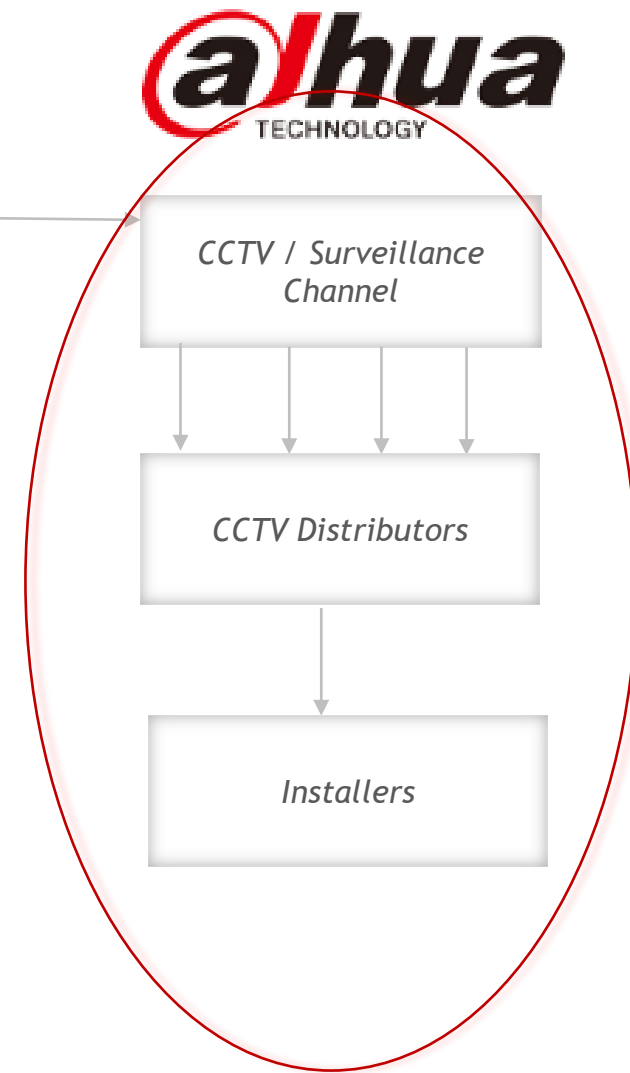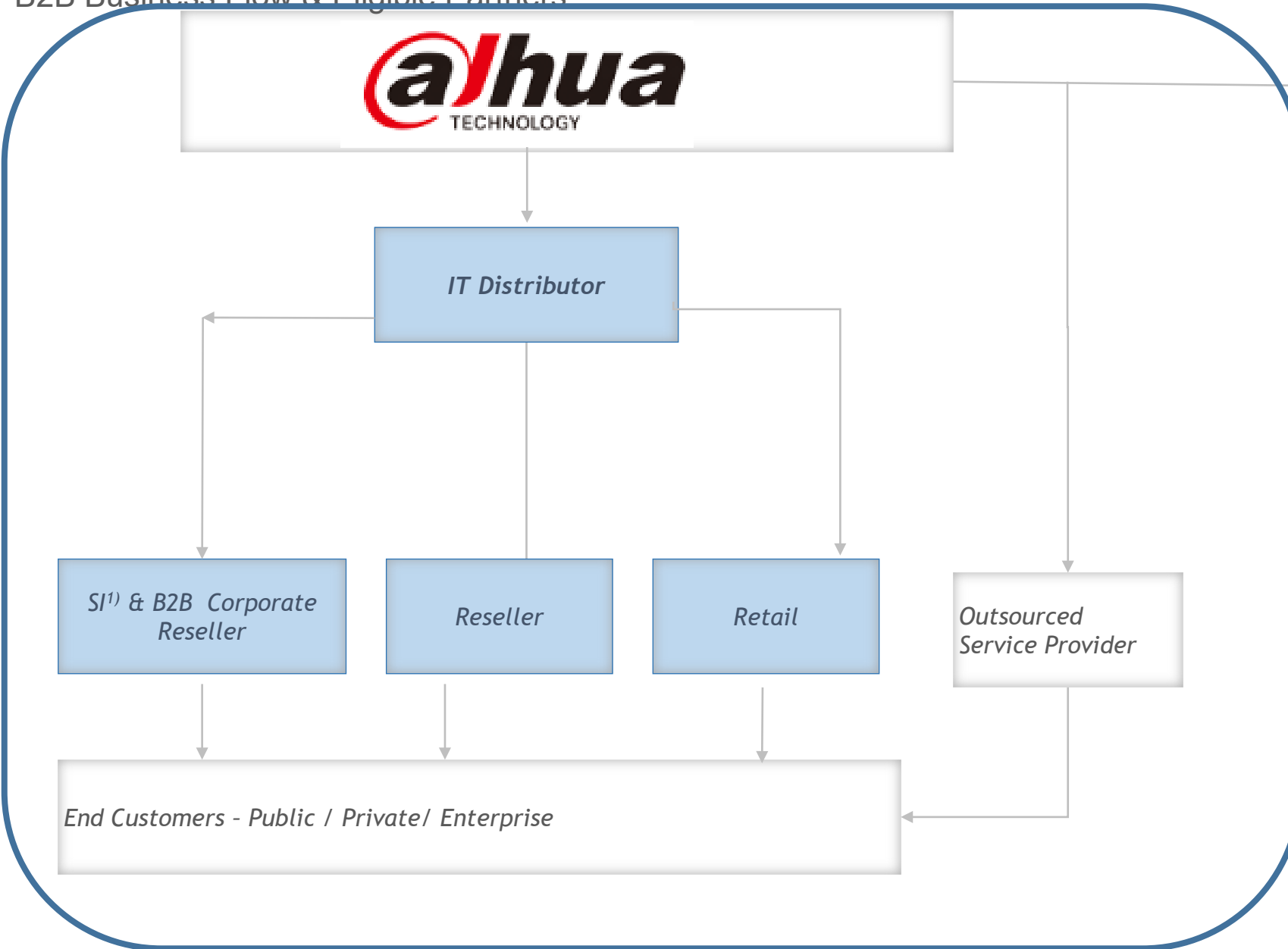
Images and Graphics SMART SOLUTIONS

Monitor | Product Family – Digital Signage Solution

Positioning:

Ultra Series

DHI-LM32-S200

DHI-LM43/49/55-S200

DHI-LM43/49/55-S400

DHI-LM65-S400

- Project-type products;
- Interface facing down;
- Rich interface types；

Light Series

DHI-LM19/22/24/27-L200

DHI-LM22/24-H200

DHI-LM22/24-F200

DHI-LM32/43-F200

DHI-LM43/50/55/65-F400

- plastic shell material;
- Support 7*24H;

Commercial Series

DHI-LM19-A200

DHI-LM22/24/27-A200

DHI-LM22/24/27/32-B200

- IT pipelines;
- for commercial office scenarios；
- Anti-blue light design, eye-protective

Gaming Series

LM24-E200

LM27-E200

LM32-E200C

- IT pipelines;
- For personal home and Internet bar；
- High refresh rate(≥144HZ)；
- Immersive experience.

Monitor Size

Product Family

≈ 1 coin

≈ 2 coins

Series

Ultra

LS550UEH-UG
LS550UEM-UG

~22.11
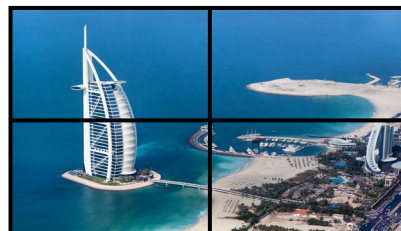
LS550UDH-UG
LS550UDM-UG
LS550UDM-UF

~22.11
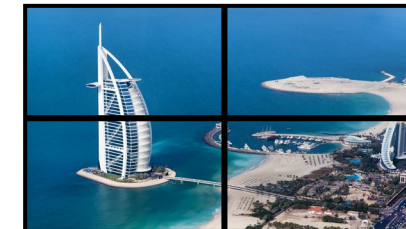
LS550UCM-UF
LS490UCM-UF
LS460UCM-UF

~22.11

- High-end
- commercial project
- Factory-calibrated color between and in each screen
- DP daisy chain

4K UHD LS650KCM-EF **HOT**

LS550UCM-EF

LS490UCM-EF

LS460UCM-EF

Essential

LS550UEH-EG **NEW**
LS550UEM-EG

LS550UDM-EF **NEW**

LS550UDH-EG **NEW**
LS550UDM-EG

DHL460UDH-ES
DHL460UDM-ES
(Delisting, without daisy chain)

LS460UDM-EF **NEW**

- commercial project
- Factory-calibrated color between each screen *(Under development)*
- HDMI daisy chain

Basic

LS550UCM-BF

LS460UCM-BF ~22.8

- commercial channel
- Cost-effective

0.88mm

1.7/1.8mm

3.5mm

Bilateral Seam

L.E.D. – Naked Eye 3D

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Fine Pixel Pitch LED

Indoor-Out Door Rental LED

CH Series

SS Series

EH Series

SH Series

Delisted

Indoor Fixed LED

Stadium LED

EH Series

SH Series

EH Series

Transparent
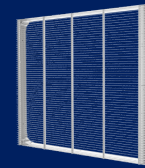
Present and Future
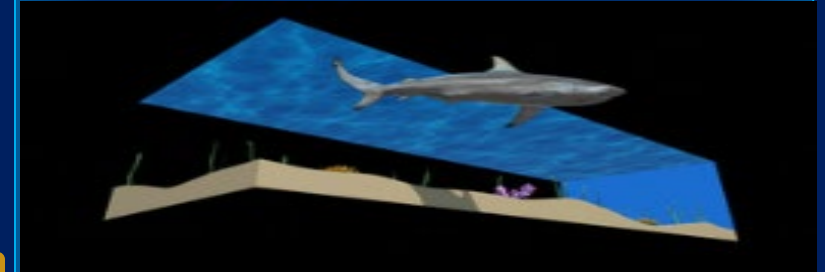
➢ Immersive and realistic content

➢ Bigger imagination space, deeper memory

➢ Stronger attraction to see and stay

3D Content and Immersive Content

Product Family (TV)

Frameless

Smart TV Series

DHI-LTV32-SA/SNX00   DHI-LTV40-SA/SNX00   DHI-LTV43-SA/SNX00   DHI-LTV50-SA/SNX00   DHI-LTV55-SA/SNX00   DHI-LTV65-SA/SNX00   DHI-LTV75-SA/SNX00

DTV Series

DHI-LTV22-LDX00   DHI-LTV24-LDX00   DHI-LTV32-LDX00   DHI-LTV40-LDX00   DHI-LTV43-LDX00

Google TV™

ATV Series

DHI-LTV22-LNX00   DHI-LTV24-LNX00   DHI-LTV32-LNX00   DHI-LTV40-LNX00   DHI-LTV43-LNX00

Roku

NETFLIX

Size

Dahua MPS platform realizes point-to-multipoint monitor management , including content, volume, schedule, etc.

MPS platform software

LAN

Digital Signage | New Platform
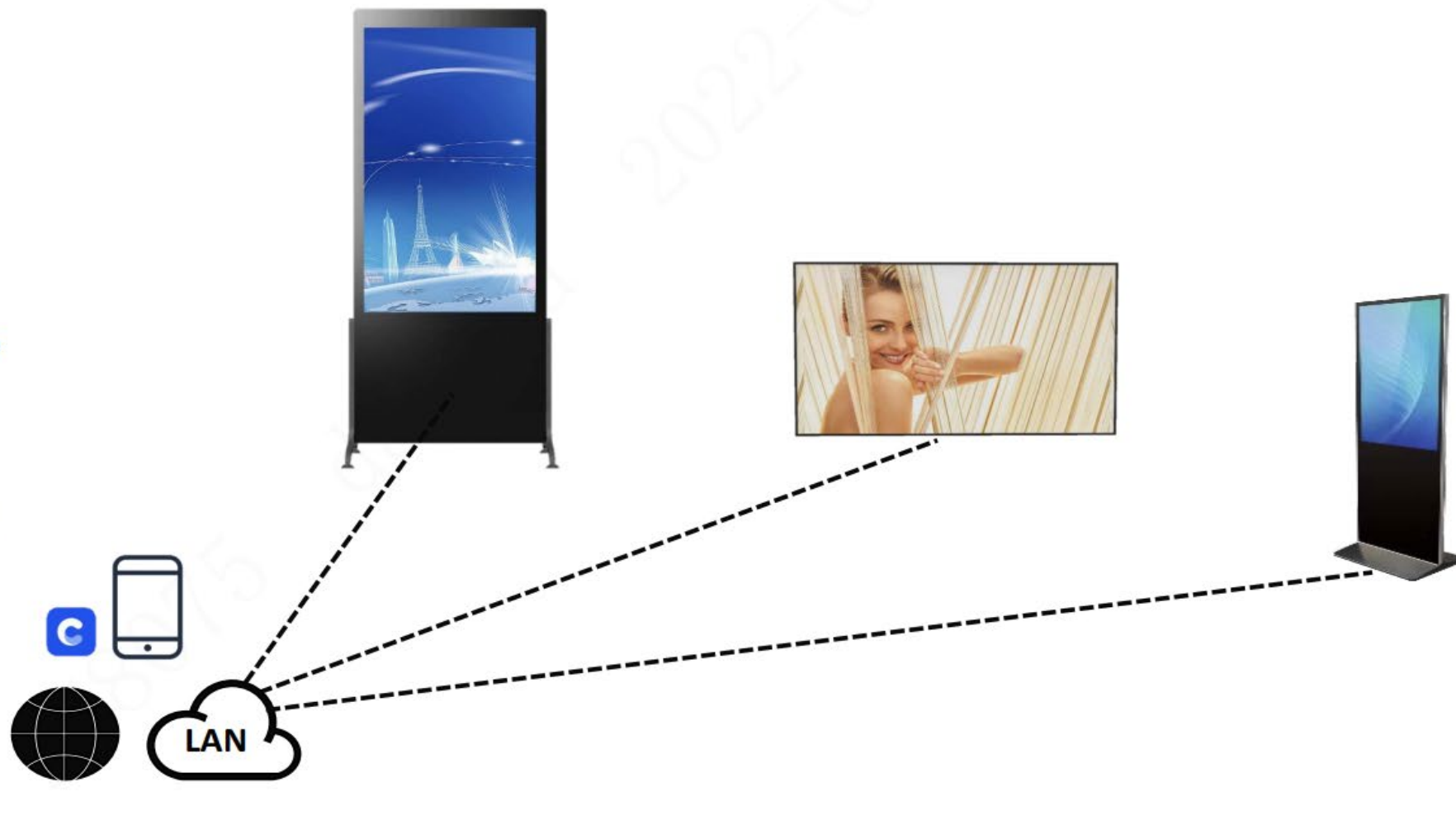
■ MPS V3.2

- New design of UI &UE;

- Enrich the elements of program production, which is easy to use and can improves the program quality;

- Can customize the program template, support U disk import and export, reduce the investment of customized development;
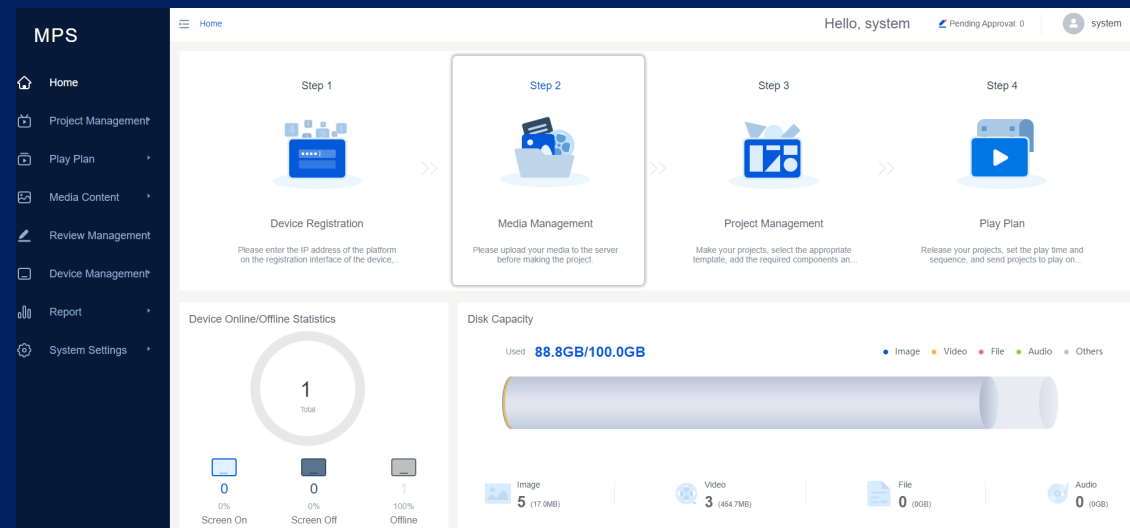
■ MPS Mobile (IOS & Android)

- Support mobile app management to improve the user experience and bid controlling ability;

- Support program production, terminal information display, authority approval, terminal timing switch on and off;

- Compatible with mainstream mobile phones in the market;

(PS: The APP based on MPS version 3.2)

Dahua DeepHub

Dahua TECHNOLOGY
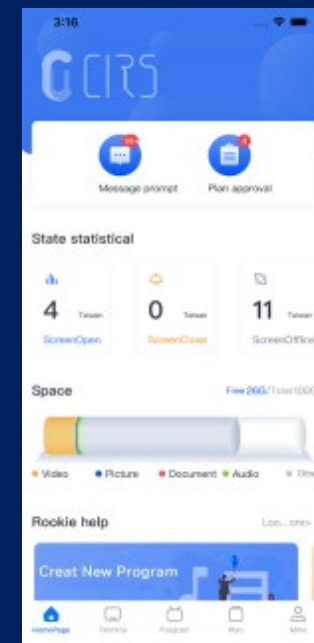
Intelligent Whiteboard
Touch screen support smooth writing
Multiple writing modes

Wireless Projection
One-tap projection
Multi-terminal projection

Video Conference
Built-in 4K camera & mic (Optional)
Video conferencing software

File Management
Easy content save and sharing
Local document and media file support

LCD Touch Display
Sharp & clear display vs projectors
4K for clear presentation & media playback

Conference Cameras

USB PTZ Camera
DH-VCS-C5B0

USB Tracking Camera
HT-SD500

HD Conference Camera
DH-VCS-C7A0

Solutions

hitrolink
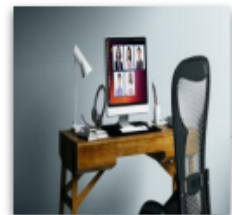
Personal space

1080P Webcam (AF)
HTI-UC325

1080P Webcam
HTI-UC300
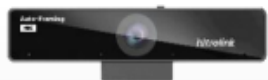
4K Webcam (AF and
Auto framing)
HTI-UC390

Headset
HT-ER200

1-5 people room

All-in-one USB
Camera
DH-VCS-C4B0

5-10 people meeting room

65'' UHD Smart Interactive Whiteboard

4K UHD Integrated
USB Camera
DH-VCS-C5A0
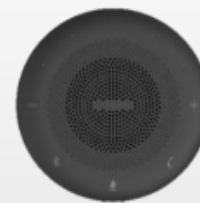
Wired/Bluetooth Microphone
DH-VCS-MCA400(optional)

8-15 people meeting room

86'' UHD Smart Interactive
Whiteboard

USB PTZ Camera
DH-VCS-C5B0

Wired/Bluetooth Microphone
DH-VCS-MCA400

Smart City Solution

Smart City Development In China

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2008, start the idea of "Smart Earth"

2012, China starts the program to build 90 smart cities

2015, China brings the idea of "New Smart City concept"

2019, smart city become full coverage for all industry, and support each other

2008-2011 Digital	2012-2015 Network	2016-2018 Information	2019 Smart
Driven by industry application	**Driven by new technology**	**Driven by requirements**	**Driven by requirements**
Key technology: Digitalization, transmission **Feature**: the constructions are separated into different industries, small and dispersed	**Key technology**: Wireless, Network, Centralization **Feature**: it's the explore period based on government requirement, more unified	**Key technology**: AI, Big data **Feature**: Different cities focus on their own pain points, and tend to build a unique solution only for their city	**Key technology**: Data mining, cloud **Feature**: a platform responsible for safety, traffic, transportation, parking, etc. all types of city management

HEART OF CITY (HOC)

Dahua Heart of City (HOC) is a smart city development engine supported **by Full Sensing, Full Intelligence, Full Computing, and Full Ecosystem (4 Full) capabilities**. It realizes the construction of a **"1 platform, 2 centers, N applications"** (1+2+N) new smart city framework for application at the city, industry, and commercial level.

Dahua Heart of City features a top-level design based on giving cities '4 Full' capabilities to drive urban development, achieving goals to "improve efficiency, increase benefit, optimize experience," and in-depth design principles based on **"solving customer business pain points and creating economic, social, and business value** through scientific and orderly construction and operation from a global perspective."

Improve Efficiency

Increase Benefit

Optimize Experience

N Applications

Safe City	Smart Transportation	Smart Industrial Park	Smart Energy
Smart Traffic	Smart Residential Area	Smart Education	…
Smart Retail	Smart Banking & Finance	Smart Logistics	

Standard Specification System

Safety Assurance System

City Operations Management Center

- Comprehensive Supervision
- Aid Policy Making
- Command and Control
- Window to the City
- Public Service

City Security Center

- Access Management
- Data Management
- Audit Management
- Threat Management
- Situational Awareness

Cloud SDK

City Big Data Platform

- Streaming Media Resource Pool Service
- Data Intelligence Service
- Big Data Service Framework
- Intelligent Analytics Repository
- Container Cloud

- Video Streaming Processing
- AI Processing
- Big Data Processing
- Cloud Database
- Video Cloud Storage

- Computing Resource Pool
- Storage Resource Pool
- Network Resource Pool

- Video Capture
- Audio Collection
- Face Image Collection
- IoT Sensor Acquisition
- Archive Data Collection
- Geographic Information Collection

Product Ability

25+ Product lines

Thousands different products

Dedicated design for every detail

Sensing

- Powerful video capturing products for low light, long distance, and other complex situation
- Thermal imaging, radar detection, multi-lens products beside video method
- RFID, ID, 5G products to rich the sensing elements
- Special industry products such as machine vision, speed testing, drone, etc. to enhance ultra performance

Platform

- Video platform products cover projects from 100 to million channels, more than 100+ protocols to connect different products
- Transmission products like switch, wireless are specially designed for video and picture transmission
- IPSAN products for medium and small size project, cloud storage products for large scale project

Command

- Splicing LCD video wall is very popular for video monitoring, and small pixel indoor LED are best for command center
- Dahua video matrix can control the video display for huge quantity screens and large size LED video wall
- Operator desk management system can make the team operation flexible and smooth

AI & Big Data

- Multi-billion level size of database management
- Smart algorithm can cover different scenarios and all type of complex requirements
- AI enabled products covers from camera side, edge side and center side, AI ability can even be called from a shared AI pool, to reach the maximum of the AI efficiency

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AI Ability
Big Data Ability

- Face Detection
- Face Recognition
- Video Structure
- People counting

Camera

- General Video Connect
- AI data collection
- Data process
- Edge AI enable

AI Box

- Center AI process
- Second level result response
- Multi million library

AI Server

- Picture mark
- Behavior mark
- Multi task
- Model analysis

Training Platform

Strong Computing

Sophisticated Algorithm

Body

Vehicle

Motorcycle

Location

- Face recognition
- Full body clothes
- Belongings
- Behavior
- movement

- ANPR
- Vehicle type
- Vehicle color
- Driving behavior
- Driver behavior

- Number plate
- Bike Color
- Passenger
- Driver clothes
- Helmet

- Traffic situation
- Perimeter
- Entrance
- Public area

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SMART TRAFFIC MANAGEMENT

Taking video-centric AI technology as its core, the Dahua Smart Traffic Management Solution deeply integrates with traffic management tasks to enhance traffic control and command operations capabilities. This solution fully empowers traffic management reforms and assists traffic management departments in building a "4-in-1" modern service mechanism led by intelligence research, efficient flat command operation, precise maneuvering, as well as real-time supervision and control. It drives the transformation of traffic management mechanisms and improves traffic management capabilities.

SOLUTION HIGHLIGHTS

Ease Traffic Congestion

This solution integrates AI, radar, video and other IoT sensing technologies to serve various congestion scenes at urban intersections, sections, viaducts, etc., realizing a closed loop of business value including blockage point positioning, blockage cause analysis, congestion remedy and evaluation, and efficiency improvement of road traffic.

Traffic Safety Warning

For situations involving big trucks' blind spots while turning right, oncoming traffic on mountain corners, and bad weather, the solution applies video object sensing to actively detect early warnings and reduce traffic accidents, helping traffic management to transform from post-disposal to pre-prevention.

Urban Green Parking

With high demand for temporary parking in urban areas, the solution launches "Green Parking", which integrates on-site parking, timing, and online reminders to provide free parking within the prescribed time. This alleviates the problem of short-term parking and improves convenience for the residents.

Smart Control of Non-motor Vehicle

By integrating video, RFID and other IoT sensing methods, the solution conducts real-time and dynamic supervision of more than 7 types of illegal behaviors related to using electric vehicles including: running red lights, overload, not wearing helmets, and parking over the line. It significantly enhances the traffic safety awareness of drivers and maintains the urban traffic order.

KEY CASES

28 ASEAN Summit Traffic Project, Laos
During the 28 ASEAN Summit, Dahua Technology assisted Laos in building an intelligent traffic management system. The company helped achieve effective control of vehicles entering and exiting the core areas of the summit. With detection system in place for over speeding, red light violations, etc., it effectively reduced local traffic violations and ensured safe travel.

Traffic Enforcement Project, Serbia
Dahua Technology has successively deployed smart traffic systems in 5 important cities in Serbia since 2015. This solution solved light pollution problems and developed Serbian and EU multi-country license plate recognition algorithms to control the vehicles entering and leaving EU countries. It also includes a customized collection, transmission, storage and management mechanisms for the Serbian traffic system.

Ulaanbaatar Traffic Project, Mongolia
Dahua Technology provided a sophisticated ITS solution consisting of ANPR system, violation detection and speed measurement systems to cover 28 roads and 8 intersections in Ulaanbaatar. The requirements analysis, solution design and project delivery only took three months to complete, overcoming the challenges of extreme climate conditions and lack of technical support. This solution provided the local transportation department of Ulaanbaatar with a sustainable, growing, and well-maintained security system.

![Dahua Technology logo]

SMART PARKING

The Dahua Smart Parking Solution consists of roadside parking, garage parking, urban parking grading guidance systems, urban parking platforms, mobile apps and other subsystems. It provides convenient parking services for car owners, advanced parking operation systems for enterprises, and long-term scientific parking management for city operators.

SOLUTION HIGHLIGHTS

Optimizes Experience: Saves 70% of time looking for a parking space, providing convenience to drivers.

Increases Benefit: Reduces labor cost by 80%, and increases operating efficiency by 80%.

Improves Efficiency: Controls traffic violations, alleviates traffic congestions, helps to enhance the image of the city and promotes the construction of smart cities.

KEY CASES

Residential Apartment Underground Parking Project, Serbia
The Dahua Smart Parking Solution provides the residents of this apartment complex with convenient entry & exit experience by utilizing ANPR technology, and also allows quick location of available parking spaces for visitors. The solution includes more than 100 parking detection cameras and 4 access cameras, enabling effective parking management and CCTV surveillance operation in the area.

Airport Parking Project, Denmark
The Dahua Smart Parking Solution reduces searching time for available parking spaces and provides the management with clear overview of the 1,217 parking spaces in the parking garage. Dahua Technology's easy-to-use parking software, PMS PRO, allows the garage management to monitor occupancy, assess accidents, search through data and export reports. At the same time, the integration of ANPR and video analytics makes it easier for drivers to find available parking spaces and locate their vehicle in the massive parking garage.

Shopping Mall Parking Project, Czech Republic
As one of the most prosperous shopping malls in Prague, the shopping mall has a total of 2,240 parking spaces. Dahua Technology provided its garage with 925 parking spot detection cameras, 5 find-my-car kiosk, 20 guidance screens, etc., which greatly enhance the parking experience of drivers, and help the shopping mall attract more customers.

Smart Forest - Fire Detection Solution

- **Early fire detection**
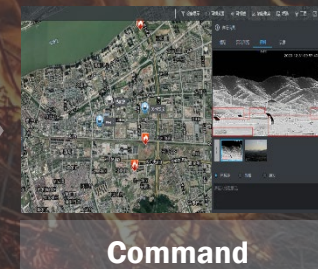
Temperature increment   **Smoke**   **Fire**
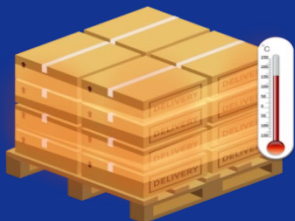
Special Scenarios

Thermal Rapid Detection
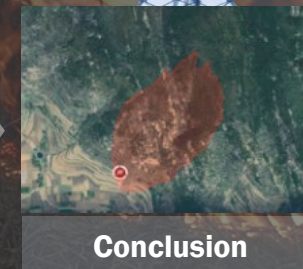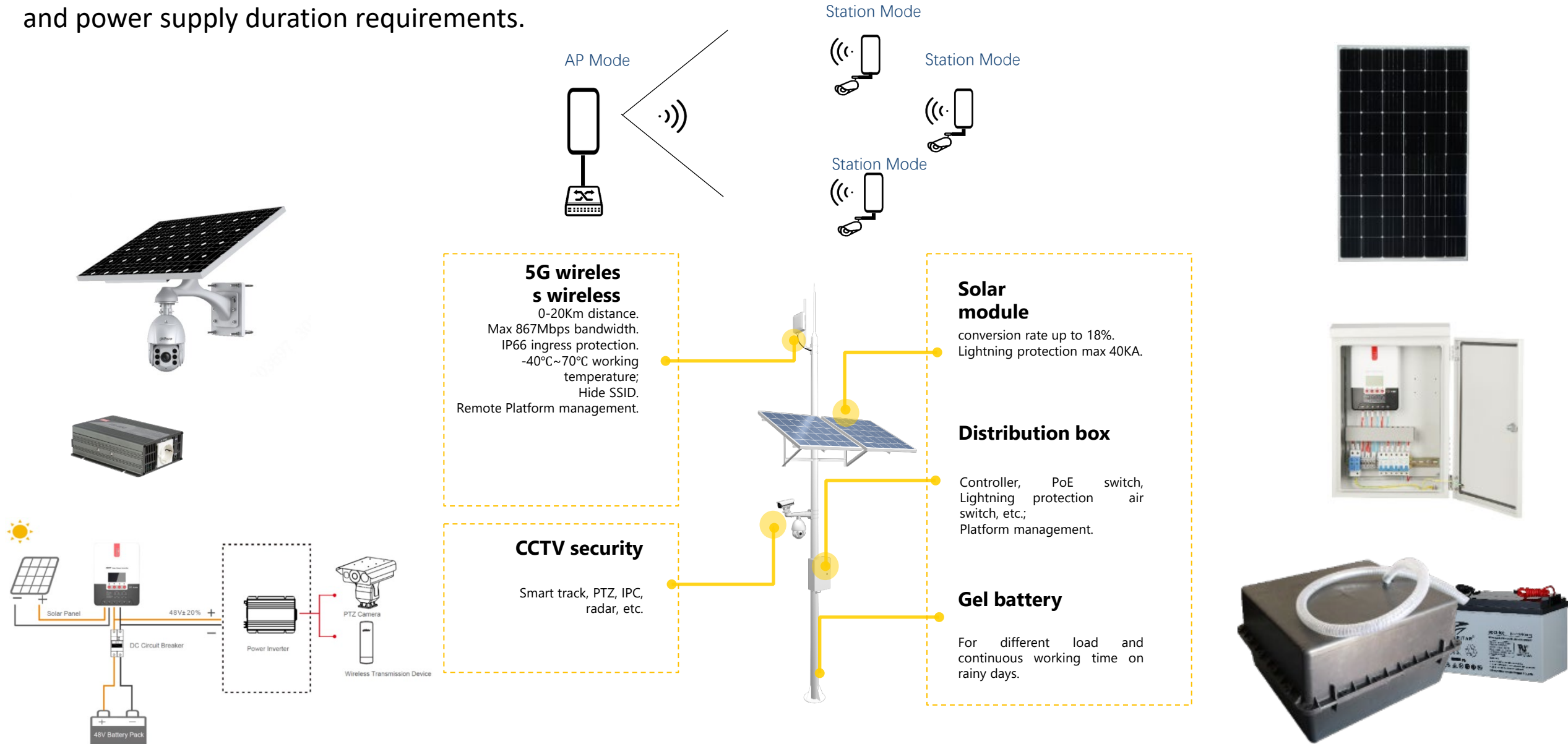
- ✓ Rapid detection of early sources of fire.
- ✓ Save manpower cost and improve efficiency.
- ✓ Avoid fire damage to the natural ecology.

Detect → Locate → Command → Conclusion

Forest Fire Detection Solution

alhua
TECHNOLOGY

Different from the traditional way, the off-grid scheme uses solar energy and wireless transmission technology to meet the needs of monitoring deployment outdoor. it solves the problems of wiring, construction period and maintenance, Sperate system can arbitrarily combine according to customer needs to meet the requirements of different power supply equipment and power supply duration requirements.

Station Mode

AP Mode

Station Mode

Station Mode

5G wireles s wireless

0-20Km distance.
Max 867Mbps bandwidth.
IP66 ingress protection.
-40℃~70℃ working temperature;
Hide SSID.
Remote Platform management.

Solar module

conversion rate up to 18%.
Lightning protection max 40KA.

Distribution box

Controller, PoE switch, Lightning protection air switch, etc.;
Platform management.

CCTV security

Smart track, PTZ, IPC, radar, etc.

Gel battery

For different load and continuous working time on rainy days.

Solar Panel

48V±20%

DC Circuit Breaker

Power Inverter

PTZ Camera

Wireless Transmission Device

48V Battery Pack

Camera

Network

Event

> Video Detection

> Audio Detection

> Smart Plan

> IVS

> Face Detection

> People Counting

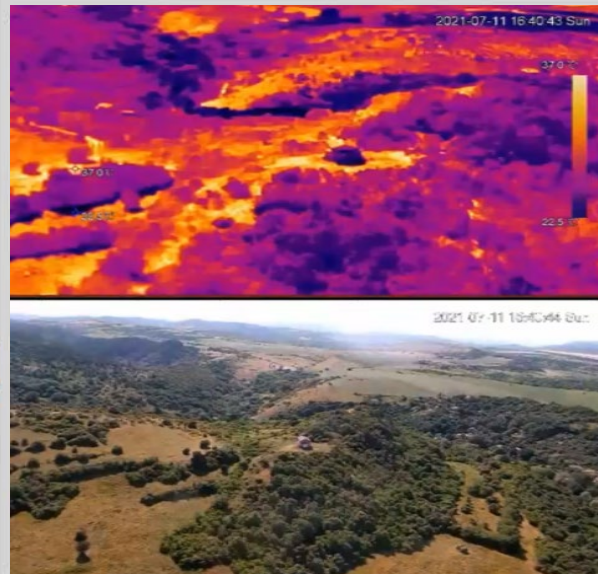> Video Metadata

> ANPR

> Alarm

> Abnormality

Storage

System

Information

Scene Set   Picture   Report

	No.	Name	Rule Type	➕
☑	1	VM-1	People ▾	⊖

Detect Region   Draw   Clear

Exclude Re...   Draw   Modify   Clear

Target filter   ⦿ Max Size   8191 * 8191   Draw Target

⦾ Min Size   0 * 0   Clear

Pixel Counter   0 * 0   Draw Target

Parameter Setup

☑ People Flow Sta...

☐ OSD   Clear

Period   Setting

☑ Relay-out   1 2

Alarm Delay   10   s (10~300)

Global Setup

☑ Privacy Protection   Human Body ▾

Face

Human Body

☑ Overlay Target Frame

☑ Face ☑ Hu... ☑ Non-mot... ☑ Motor V...

☐ Face Enhancement

☐ Remove Duplic... ⚙

Snap Face Image   One-inch photo ▾

☐ Enable Face Exposure

Face Target Brightn...   ⊟ ─O─ ⊞ 50

Face Exposure Det...   ⊟ O─ ⊞ 5

Scene   Distant View ▾

Privacy Protection-DSS PRO