



UNV PRODUCT INTRODUCTION

2025Q3

ALL NEW Tri-Guard 1.0+

4/6/8MP Active Deterrence Fixed Products



 **Wise-ISP**

Product positioning SMB Market

Application scenario



No parking area



Dangerous area



The construction site

Highlight features



Upgraded from F1.6 to F1.4

Deliver high quality image in ultra low-light environment.

Upgraded from
120dB to 130dB

Powered by Wise-ISP

Provide colorful image without LED Light on.



Other specifications

Micro SD card slot, IP67,
Built-in Mic & speaker



Powered by smart functions

Smart Intrusion Prevention, People counting,
UMD, SIP with color retrieval, Auto scene match

Competitive advantages

To H:

- Tri-Guard1.0 products are designed to compete with H's EasyIP 2.0+ active deterrence products.
- H supports 2 mics , offers two models with red & blue light and white light alerts to choose from. Y supports Wise-ISP and features higher intelligence.

Brighter Vision, Stronger Guard

Tri-Guard 1.0+

Ready 4/8M
P
Sep. 6MP

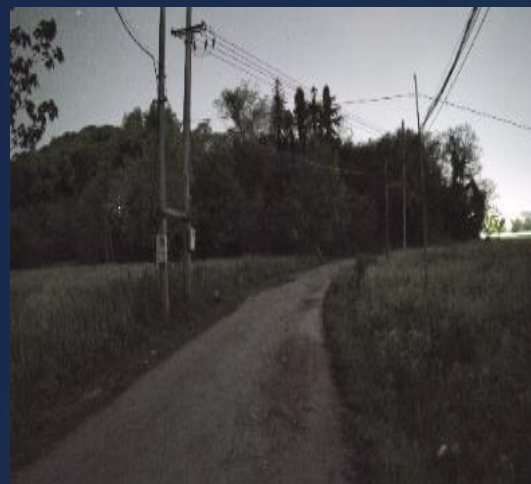
PRIME-I



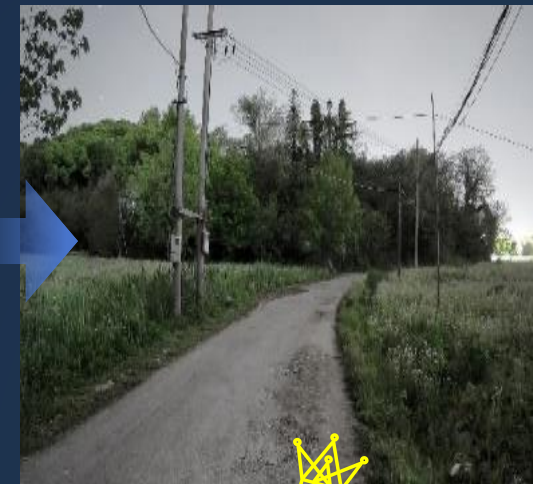
SB-KMC-I1

IPC2124SB-ADF28KMC-I1
IPC2124SB-ADF40KMC-I1
IPC3614SB-ADF28KMC-I1
IPC3614SB-ADF40KMC-I1
IPC2126SB-ADF28KMC-I1
IPC2126SB-ADF40KMC-I1
IPC3616SB-ADF28KMC-I1
IPC3616SB-ADF40KMC-I1
IPC2128SB-ADF28KMC-I1
IPC2128SB-ADF40KMC-I1
IPC3618SB-ADF28KMC-I1
IPC3618SB-ADF40KMC-I1

Powered by Wise-ISP + F1.4



Old



New

New Appearance !



4/8MP, F1.4, 1/2.7"/2.9", 2.8 mm,
130dB, Dual-Mic, Speaker,
Metal, Audio & Alarm I/O,
IK10

IPC312SB-ADF28KMC-DL-I1
IPC314SB-ADF28KMC-DL-I1
IPC318SB-ADF28KMC-DL-I1

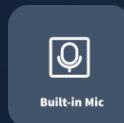
High-Sensitivity Mic



Tips : All PRIME series support AAC (Except dual-lens camera)

uView Plus Camera

4/8MP Tri-Guard 3.0 Fixed Products



IPC2B14SE-ADF28KMC-WP-I1
IPC2B14SE-ADF40KMC-WP-I1
IPC2B18SE-ADF28KMC-WP-I1
IPC2B18SE-ADF40KMC-WP-I1
IPC3634SE-ADF28KMC-WP-I1
IPC3638SE-ADF28KMC-WP-I1
IPC3634SE-ADF28KMC-WP-I1
IPC3638SE-ADF40KMC-WP-I1
IPC2B14SE-ADZKMC-WP-I1
IPC2B18SE-ADZKMC-WP-I1
IPC3634SE-ADZKMC-WP-I1
IPC3638SE-ADZKMC-WP-I1

SE-KMC-WP
SE-ZKMC-WP

Wise-ISP



Product positioning SMB Market



Application scenario



No entry area in scenic spot



No parking area



Dangerous area

Highlight features

Pre-Installation packaging !



Enables camera upgrades or configuration without unpacking.

1/1.8" & F1.0

NEMA 4X

Confocal lens

2Mics & 3W Speaker

Professional Audio System

Dual-mic + 3W Speaker + Audio noise reduction technology

+40%
Sensitivity

+80%
Noise Reduction

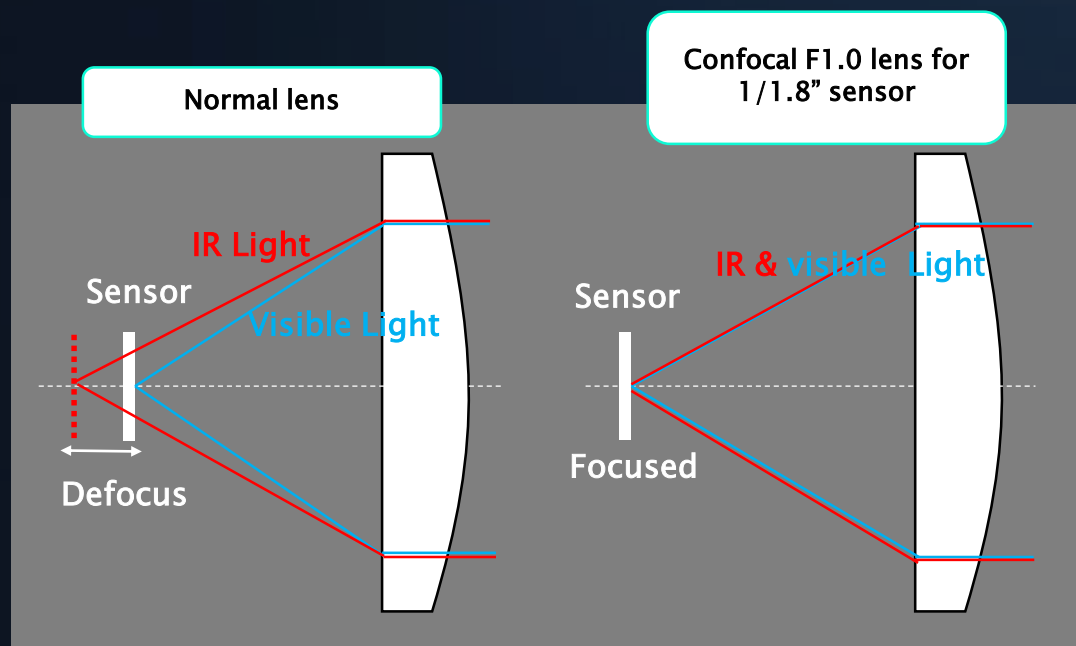
20 M
Pickup Distance

Competitive advantages

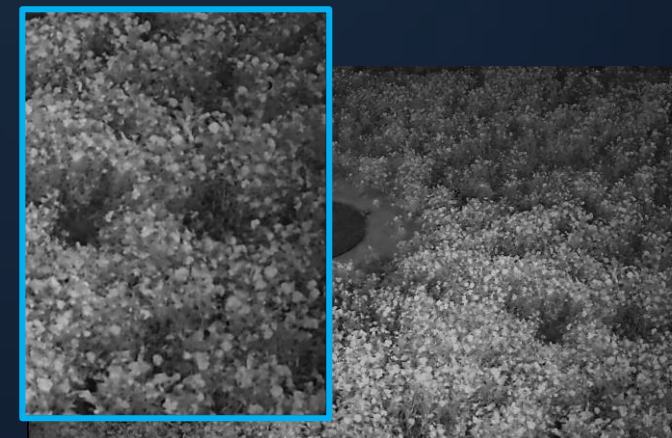
To H:

- For active deterrence products, the specifications are quite similar, with Y offering richer intelligence features at a lower price.

What is Confocal lens?



Visible light image



Out of focus in IR light image



Focused. Clearer details and edge

Easy Series Wise-ISP

4MP 5X PTZ



owlView PTZ



IPC6314LWH-AX5C-VG2

IPC6324LWH-AX5C-VG2

Product positioning SMB Market

Application scenario



Factory



Enterprise zone



Park



Dark Alley

Highlight features



1/1.8" Sensor

Deliver high quality image in extreme dark environment.

Wise-ISP

Provide colorful image Without LED Light on



Audio\Alarm I/O

External audio and alarm equipment can be connected.



Other specifications

120dB WDR, Micro SD card slot, IP66, warm light 30m, Built in mic and speaker, Focal Length: 2.7 ~ 13.5 mm

Competitive advantages

To H&D:

- D&H only fixed lens PT cameras with 1/1.8" Sensor but we have it in vari-focal.
- UNV offers metal version in this series, but D&H do not.

Cruise all night, Stay Alert and Bright

Wise-isp in PTZ and always high quality image in dark

Pain Points

Ordinary effects before and after ptz zooming



Wise-ISP IPC can't pan and tilt

Solution

1/1.8" Sensor and Wise-ISP in PTZ



Values

Always high quality image before and after ptz zooming in dark



 wlView PTZ

Cruise all night, Stay Alert and Bright

Enhanced Imaging, Even with Zoom, Pan, and Tilt

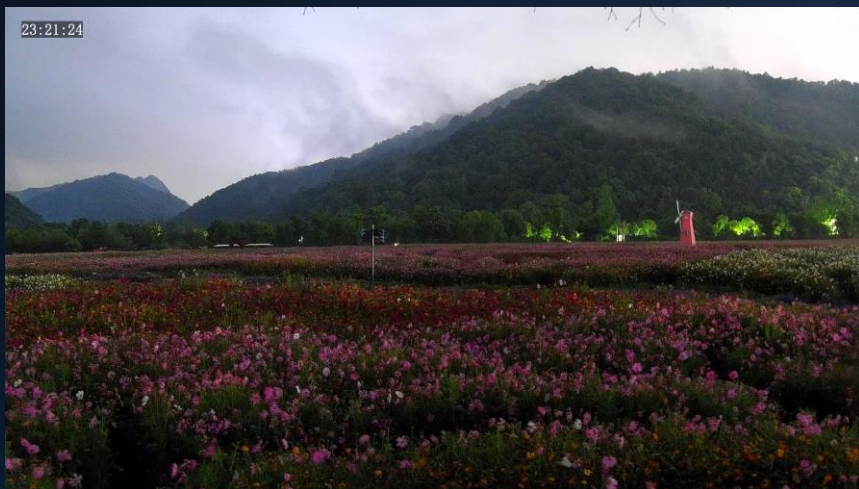
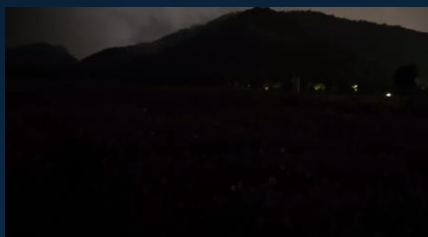


Image of the  **wlView PTZ**



Environment

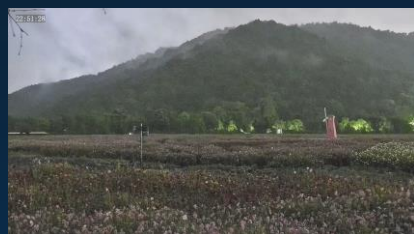


Image of the competitor's PTZ



HALO Series Camera

Color never sleeps

Wise-ISP



HALO



F1.0 Aperture & Wise-ISP



Ultra Motion Detection



120dB true *WDR*



Build-in *SD* card slot

2MP (F1.0 & 1/2.7")

IPC-B242-ADF28(40)K-WP

IPC-T242-ADF28(40)K-WP

4MP (F1.0 & 1/1.8")

IPC-B244-ADF28(40)K-WP

IPC-T244-ADF28(40)K-WP

Applications



Dark Alley



Seaside
(Only moonlight)



Night Office
(no light)

Color never sleeps

Normal dual lights camera without turning on LED



Traditional dual-light camera, without turning on LED will lead to blurred picture.



Unable to display full-color at night.



F1.0 large aperture, compared with F2.0, increased the amount of light by 4 times.



Combined with **Wise-ISP technology**, making colored image without turning on LED lights at night possible.

HALO Series camera without turning on LED



Color never sleeps

Brand D



HALO



Turning on LED

Ultra Motion Detection

Quick configuration, efficient retrieval



Watch the video

Ultra Motion Detection(UMD) focuses on intelligent **human and motor vehicle** classification.

2K
Resolution


Dual-way Audio


4.0mm


Wi-Fi

1.5W 
High-power speaker


RJ45


F1.6 iris


IP66


Built-in Antenna


Human Detection

Infrared
Light **30m**

10m **Warm**
Light



P2A



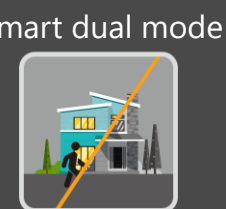
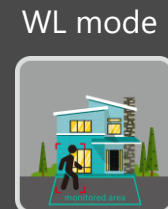
Detachable Mounting Plate



Customizable
alarm sound



Uniarch Care



Three night vision mode



Cloud storage



NVR

2K

Resolution



Dual-way Audio



Wi-Fi



IP66

Up to
512GB
SD card



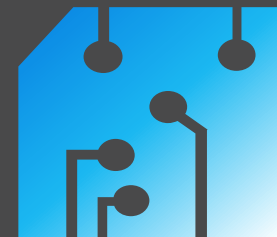
F1.6
iris



Sound and Light
Warning



P1H



Enhanced Chip



Cloud Storage



RJ45

**Infrared
Light**

30m

10m

**Warm
Light**

IR mode



WL mode



Smart dual mode



Three night vision mode

UniMind



Human



Vehicle



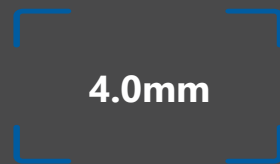
Auto tracking

3K

Resolution



Dual-way Audio



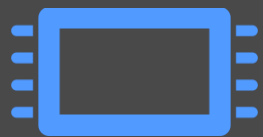
Cloud Storage

Up to
512GB
SD card



F1.0

Super Large iris



1/1.8"

Big sensor



P3C



Customizable
alarm sound



IP66



USB-C



RJ45

30m

**Warm
Light**



Uniarch Care



NVR

Wise-ISP

5th-Gen Nightview Tech Leading to New Era

UniMind



Human



Vehicle



Auto Tracking

2K&2K/
3K&3K

Resolution

Up to
512GB

SD card



Dual-way Audio

2.8mm
4.0mm



TicOn



F1.6 iris



IP66



RJ45

-5°~30°

Manually Adjustable



P2S Dual

Privacy mode



Disable Live
Streaming and
Storage Functions



Fixed the Lens
from PT

Infrared
Light

30m

30m

Warm
Light

IR mode



WL mode



Smart dual mode



Three night vision mode

UniMind



Human



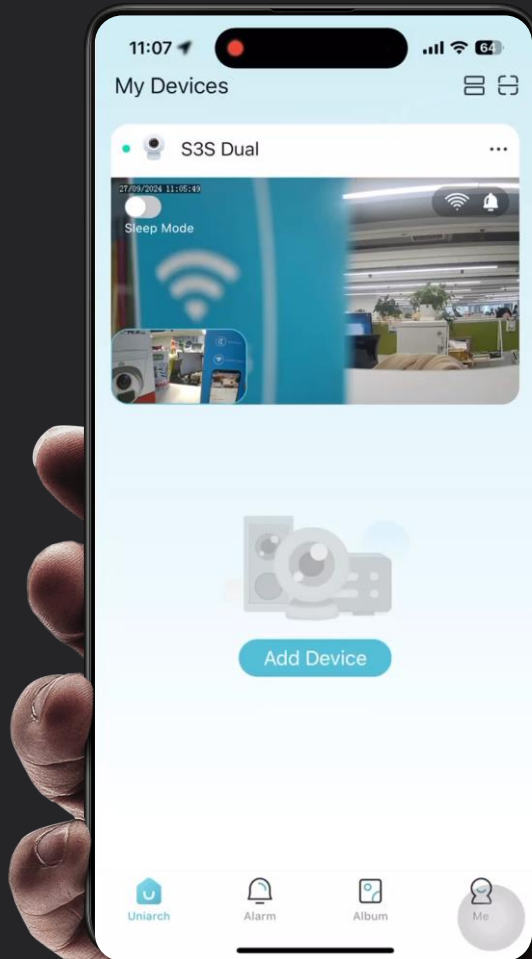
Vehicle



Auto tracking



Enhanced performance: TicOn, Save half the time.



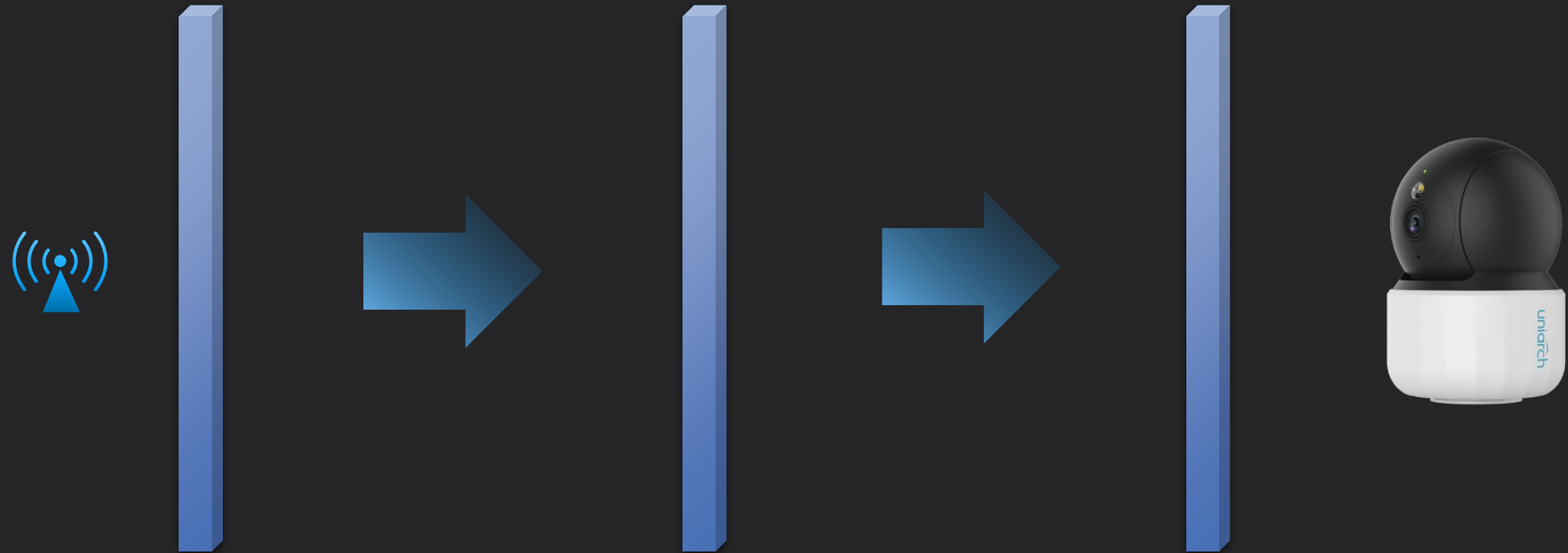
50%

Faster than AP pairing connection



Watch the video

Enhanced performance: Wi-Fi 6, Extends Your Reach.



Powered by UniMind

uniarch



Human

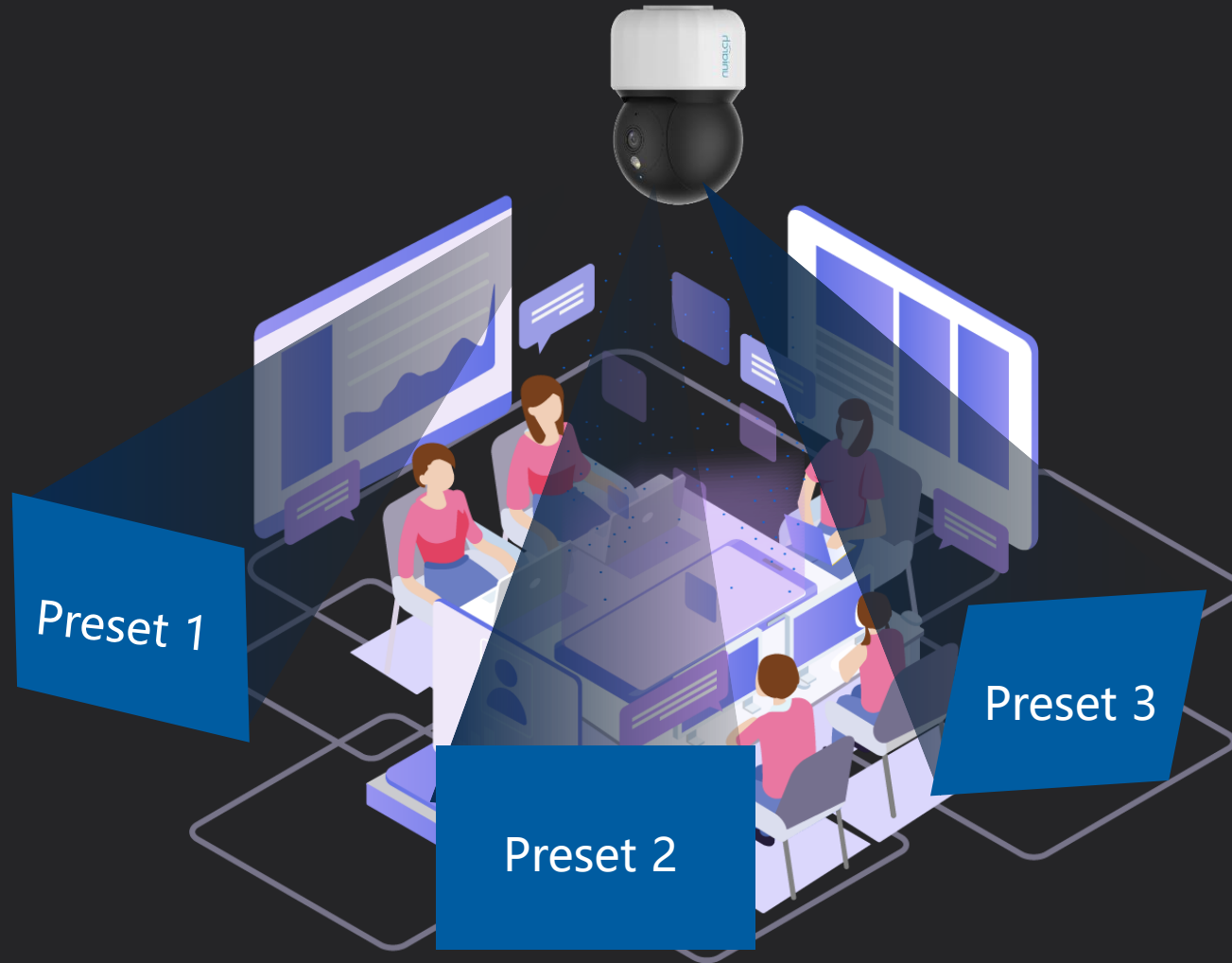


Vehicle

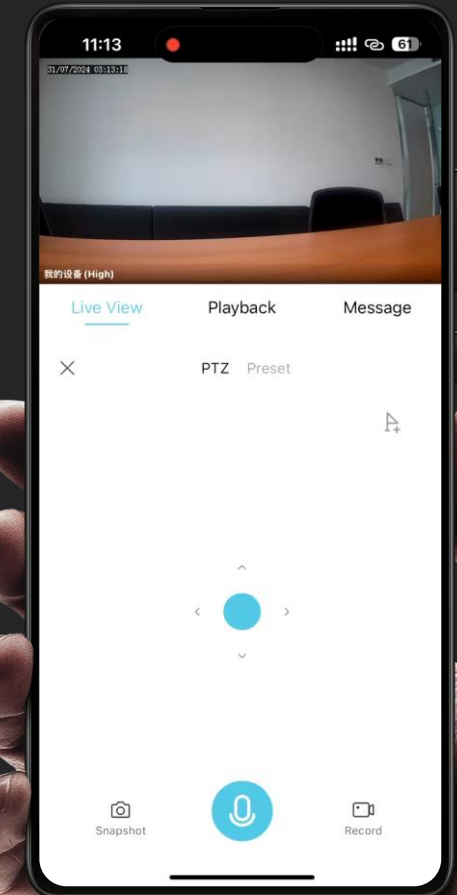


Watch the video

Preset: One-click to favorite spot



A maximum of **12 preset** positions can be configured.



Watch the video

SeekFree Demonstration

SeekFree supports new setups & legacy IP camera.

SeekFree + AcuSearch: Quick target tracking.



3rd party IPC

Supports 16-ch Search by text



UNV IPC with SIP or UMD

Supports 32-ch Search by text



NVR502-32E-IX-G

Input text

Select time range, similarity

Show results

Results in order of similarity

View Videos

View video information

AcuSearch

Further AcuSearch, tracking target.

Range of SeekFree

We suggest structuring text as follows:

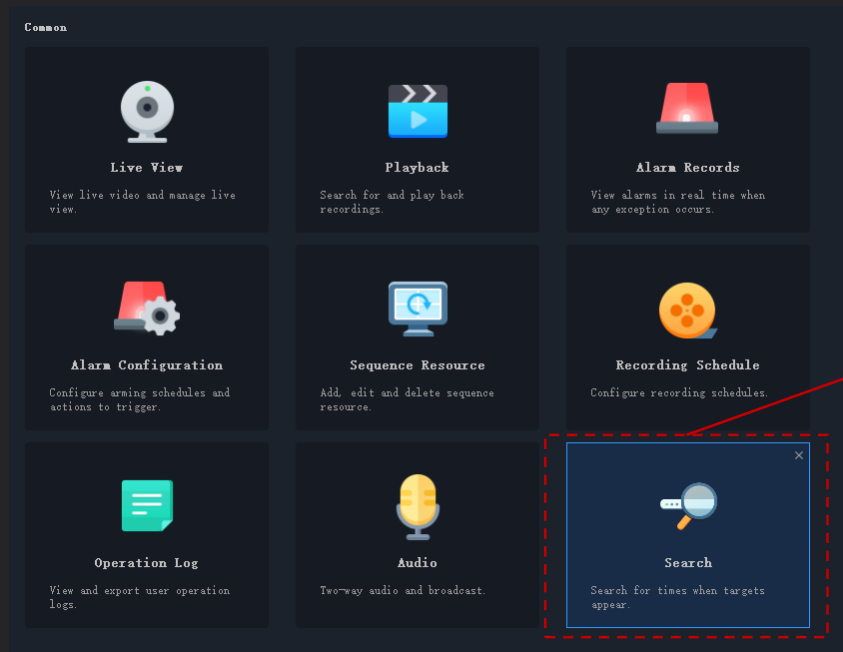
**[target] +
[description]**

SeekFree data originates from smart snapshots, therefore IPC / NVR smart function(SIP, UMD, etc) must be enabled for collaboration. The NVR will automatically analyze captured snapshots.

Description	Target	For example	Remark
Attribute	Person/Vehicle/Non-motor	<ul style="list-style-type: none"> Person "wearing blue shirt " and "holding a bag" "yellow" "pickup truck" 	Supports two attributes
Location/Scene	Person/Vehicle/Non-motor	<ul style="list-style-type: none"> Person "standing by the streetlight" Person "standing by the river" 	The more distinctive the location/scene features, the higher the accuracy
Action	Person/Vehicle/Non-motor	<ul style="list-style-type: none"> Person "smoking" Person "carrying box" 	The more precise the action description, the higher the accuracy
Combined Modifiers	Person/Vehicle/Non-motor	<ul style="list-style-type: none"> person "smoking" " in a blue shirt" "silver" car "passing the traffic lights" 	Supports two attributes
Negation	Person/Vehicle/Non-motor	<ul style="list-style-type: none"> Person " not wearing a helmet " "Yellow" car but "not pickup truck" 	Release in Oct.
OCR	Person/Vehicle/Non-motor	<ul style="list-style-type: none"> Truck "printed with the UNV" Person "wearing clothes marked with the letters UNV" 	Release in Oct. The clearer the textual or graphic identifiers, the higher the accuracy.
Typical Objects		Vessels、 Fire extinguishers、 Umbrellas、 Carts、 Water cups, etc.	The larger the physical size of objects, or the stronger their descriptive relevance to persons/vehicles, the higher the accuracy
Typical Animals		Tigers、 Cats、 Dogs、 Horses、 Cows, etc.	The more prominent the species-specific characteristics of animals, the higher the accuracy

EZStation with "SEARCH" Module

New 'Search' module released in EZStation
Offering Acusearch, metadata search and search by text



All functions under "Search" Module must be based on the NVRs

Single NVR



Multi-NVR (Up to 4 NVRs)

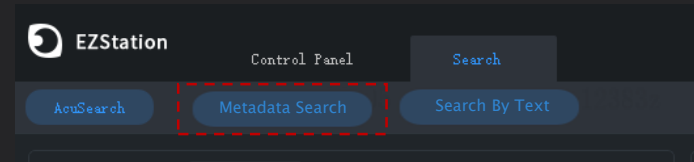


Acusearch

Aug.

Metadata Search

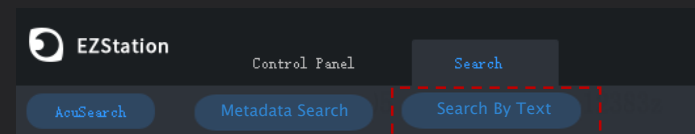
Q4.



The capability display under this function depends on the capability of the NVR.

Search By Text


Q4.



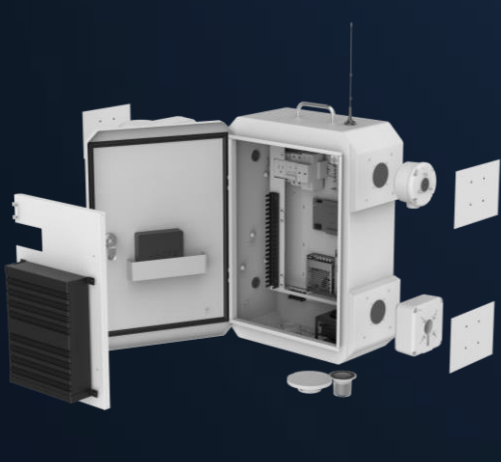
Smart Management Box

The All-in-One Off-Grid CCTV Solution for Zero-Infrastructure Environments
Remote operation & maintenance | Highly intergration

Components



City power
SMBOX01-R-EU



Solar power
SMBOX02-R

Spec		SMBOX01-R-EU (City power input, AC power supply)	SMBOX02-R (Solar power input, DC power supply)
Standard Components	Accessories	Circuit Breaker, Fan, Door Open Detection Sensor, Mounting Clamp, Surge Protector, Outlet, Heater	Circuit Breaker, Fan, Door Open Detection Sensor, Mounting Clamp
	Outlet interface	1, or European Standard	/
	NVR	8 PoE ports, Alarm I/O: 4/2, 2TB SSD 8*UMD, 4*SIP, 2*FR, All channel AcuSearch	8 PoE ports, Alarm I/O: 4/2, 2TB SSD 8*UMD, 4*SIP, 2*FR, All channel AcuSearch
	Power management module	Remote management through IMS Portal	Remote management through IMS Portal
	Warning Light	Mounted on bottom	Mounted on bottom
Optional Components	4G router	DC 12V power input	DC 12V power input
	IPC & Bracket	four small PTZs of 2.5, 2.8, or 3.5 inches in diameter and a maximum of one 4-inch PTZ	four small PTZs of 2.5, 2.8, or 3.5 inches in diameter and a maximum of one 4-inch PTZ
	Solar power	/	Power output: DC10.8V~DC14.4V
	IP Speaker	Mounted on bottom, PoE power supply by NVR	Mounted on bottom, PoE power supply by NVR

Remote operation & maintenance



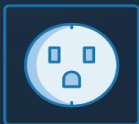
Alarm light



Fan



Heater
City power model only



Socket
City power model only



Router



NVR



IPC

Power on/off	Support	Support	Support	Support			
Rebooting				Support	Support	Support	Support
Others	Alarm trigger default, always on can be configured	Temperature control default	Temperature control default	110v output			

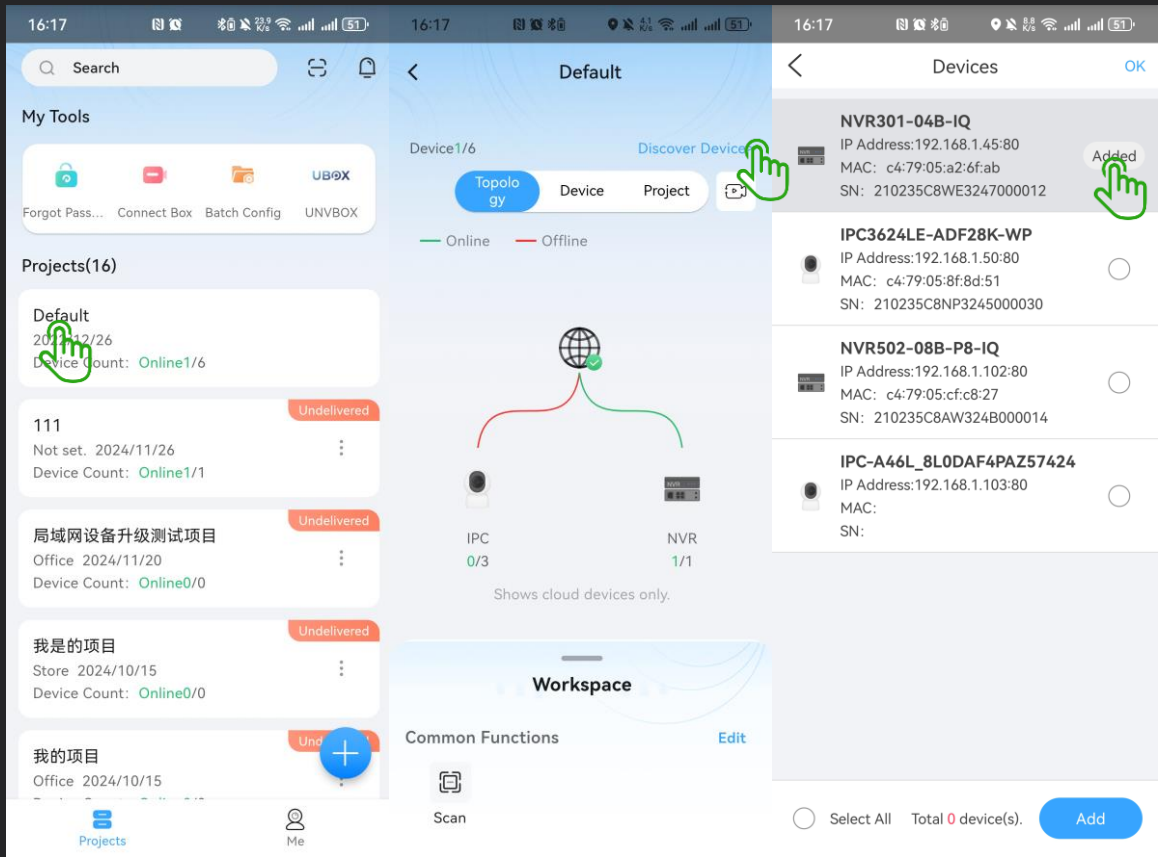
Adaptability to extreme environments

Ingress Protection	IP 56
Working Temperature	HDDs: -40°C ~ 60°C (-40°F ~ 140°F) SSDs: -40°C ~ 70°C (-40°F ~ 158°F)
Circuit Protection	Short-Circuit Protection Surge Protection(6 KV)
Anti-vibration	Choose SSD

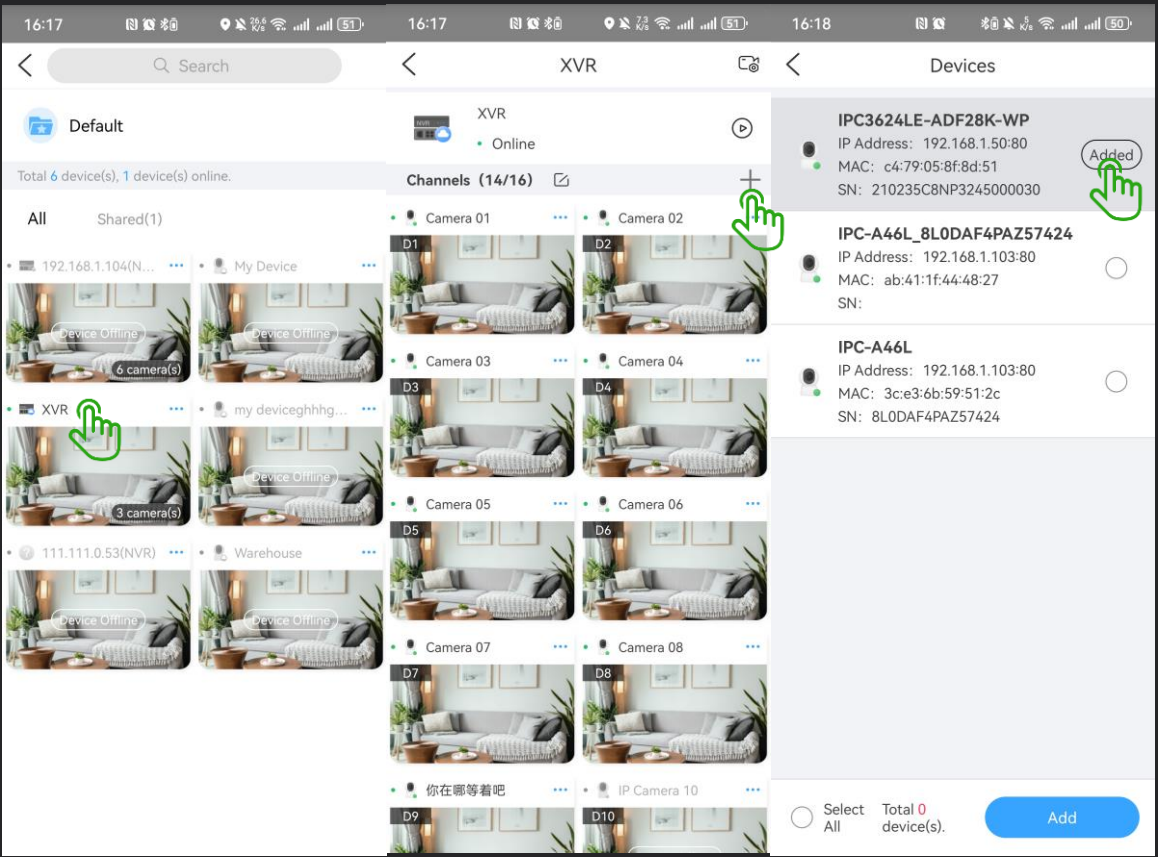
UNV Link Pro, Installation commissioning

- First, connect IPCs to NVR through NVR PoE ports
- Second, connect the “UNV box” to NVR’s uplink port through network cable
- Third, configure UNV Link Pro APP, add IPC to NVR, operate as follows
- Forth, adjust camera views and parameters

Add NVR to mobile APP



Add IPC to NVR



How to manage it with IMS Portal



IMS Portal

Manage all projects in portal, and see them on map

IMS Portal

Organization ManagementMap Management

Uniview Official WebsiteEnglishz04916

Map ManagementEdit DeviceAdd Hot ZoneShow Abnormal DeviceSet as Default ViewRefresh

Uniview

1 行政办公楼 4 绿化广场 7 车行主入口
2 研发办公楼 5 城市公园 8 人行出入口

Device List

交流款 Online SMBOX01 海外运维箱室外一体机

Power Supply | Normal | Sub-Device Status |

36.21.149.105 SMSERVER-B3618.1.2...

直流款 Online SMBOX02 海外运维箱室外一体机

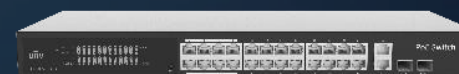
Power Supply | Normal | Sub-Device Status |

36.21.95.102 SMSERVER-B3618.1.2...

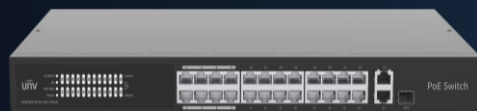
IMS Portal

Device	Sub-device	1 st -Status	2 nd -Status
Smart management box	Smart management box	Online/offline <div><div>● Online</div><div>● Offline</div></div>	
		Power Supply (Normal Abnormal)	Voltage(overvoltage undervoltage normal)
			Leakage of electricity (Normal Abnormal)
			Socket output (Normal Abnormal)
			Lighting Strike (Normal Abnormal)
			Only AC Model
	door	(Normal Abnormal open)	
		Sub-device status (Normal Abnormal)	
	NVR(SMBOXServer)	Online/offline <div><div>● Online</div><div>● Offline</div></div>	
		Video (Normal Abnormal)	On recording (Recording channels)
			Online Channel (offline happens X/N Normal)
	storage		Hard disk statu (Normal Abnormal No disk)
	Power	Online/offline <div><div>● Online</div><div>● Offline</div></div>	
		Power Supply (Normal .bnormal <div> </div>	Voltage(overvoltage undervoltage normal)
			Leakage of electricity (Norma Abnorm.)
			Socket output (Normal Abnormal)
			Lighting Strike (Norma Abnormal)
			Only AC Model
	Work Environment	(Normal Abnormal)	Temperature (High Low normal)
			Humidity (Normal Abnormal)
	IPC	Online/offline <div><div>● Online</div><div>● Offline</div></div>	

Cloud Managed Switch Family



Aggregation switch
NSW3000-25GT1GP1GC-IN



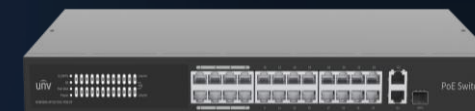
NSW3000-24T1GT1GC-POE-IN
Max. power: 385W



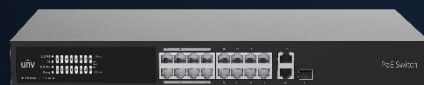
NSW3000-24T1GT1GC-LPOE-IN
Max. power: 265W



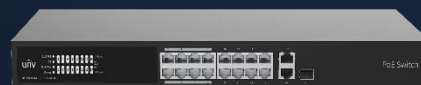
NSW3000-25GT1GP1GC-POE-IN
Max. power: 370W



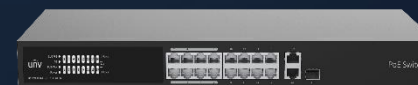
NSW3000-25GT1GP1GC-LPOE-IN
Max. power: 250W



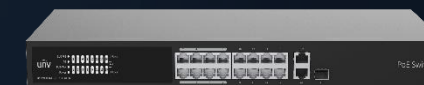
NSW3000-16T1GT1GC-POE-IN
Max. power: 265W



NSW3000-16T1GT1GC-LPOE-IN
Max. power: 165W



NSW3000-17GT1GP1GC-POE-IN
Max. power: 250W



NSW3000-17GT1GP1GC-LPOE-IN
Max. power: 150W



NSW3000-8T2GT-POE-IN
Max. power: 120W



NSW3000-8T2GT-LPOE-IN
Max. power: 65W



NSW3000-8GT-POE-IN



NSW3000-8GT-LPOE-IN

100M High power

100M Low power

Gigabit High power

Gigabit Low power

24 ports

16 ports

8 ports

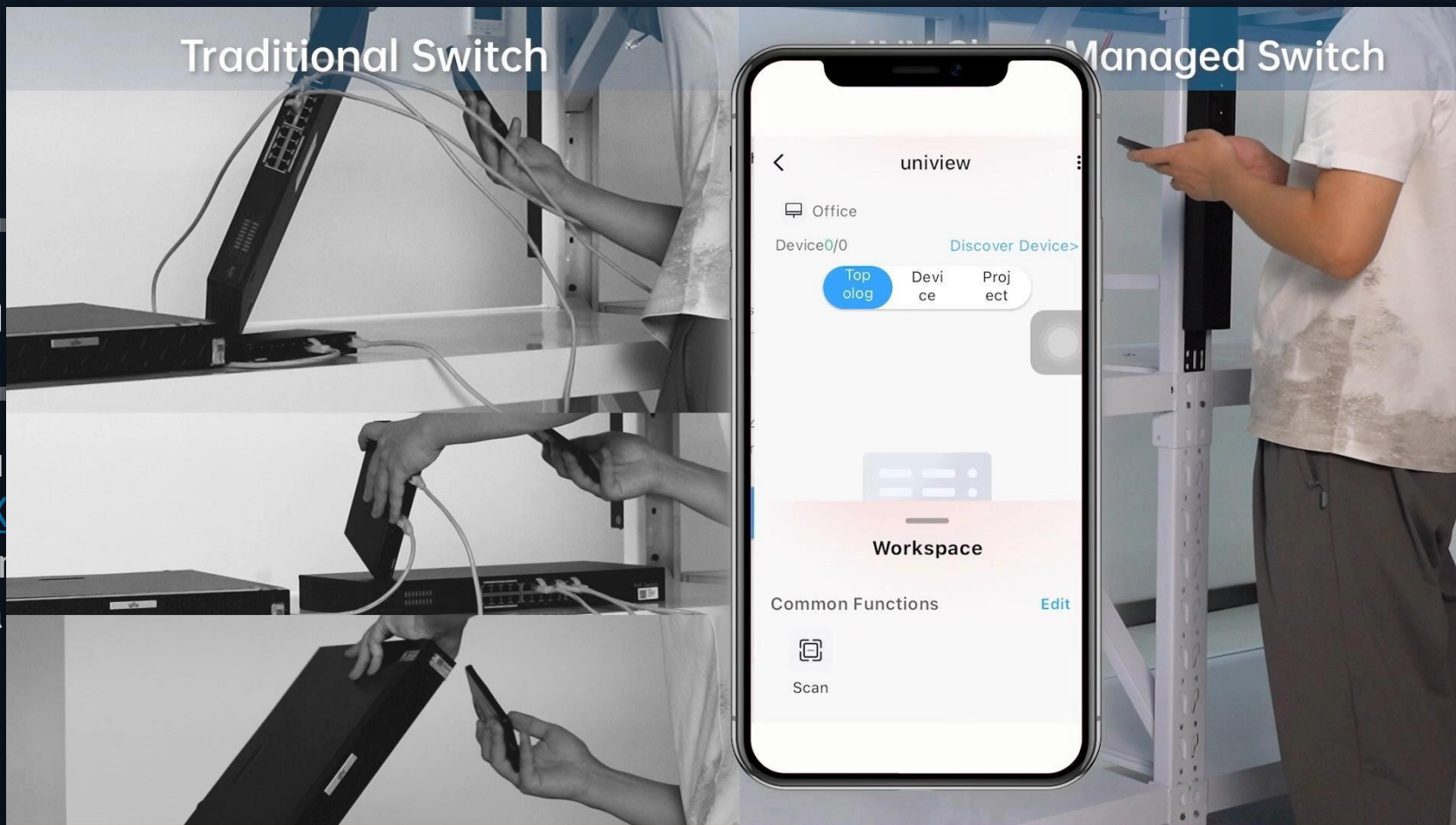
Smart Connection

ONE APP

unv

Set it all up on

Installers can set up using the [UNV LINK](#) One APP centrally managed Switch. Avoid installing manufacturers. There's no need to quick and easy.



es

C\NVR\Switch)
tch QR code.

version on the

Smart Connection

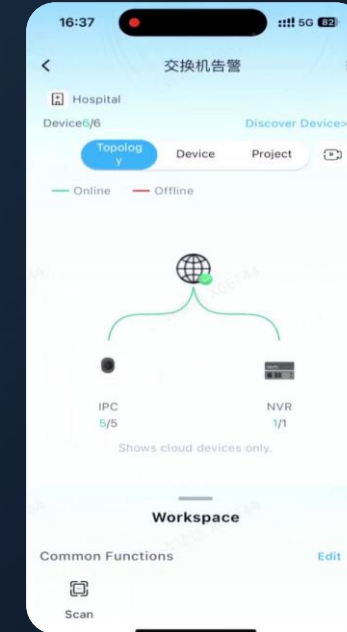
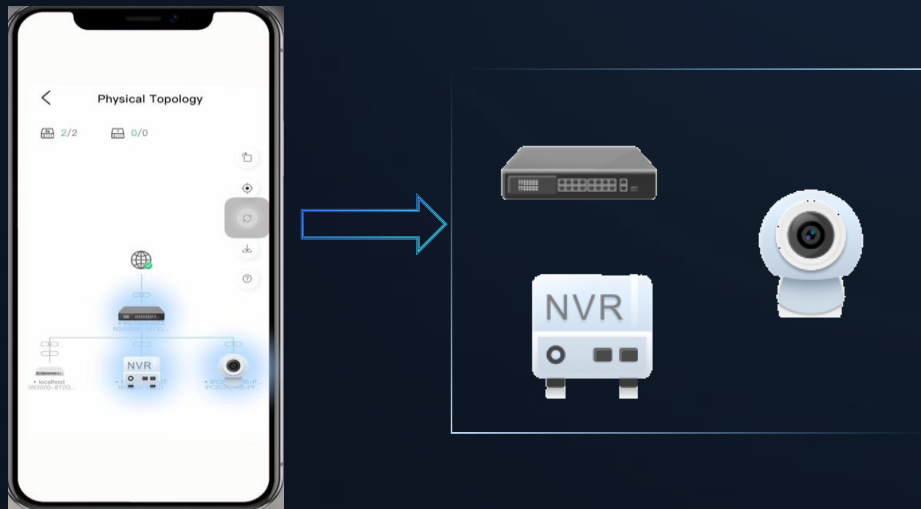
Visualized network topology



Unified topology of CCTV and switches

- Automatically identify IPC\ NVR and automatically generate the topology
- The topology displays switches, IPCs, and NVRs in one place. The networking status is clear at a glance
- Display the device name and model

Topology



← See the Video

Click IPC in the topology to see the liveview

- Click on the IPC through the topology to view the camera live directly.
- Click the switch through the topology to view the switch device management page.

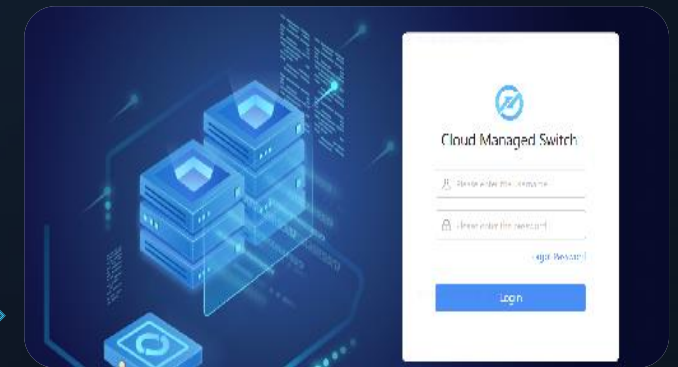
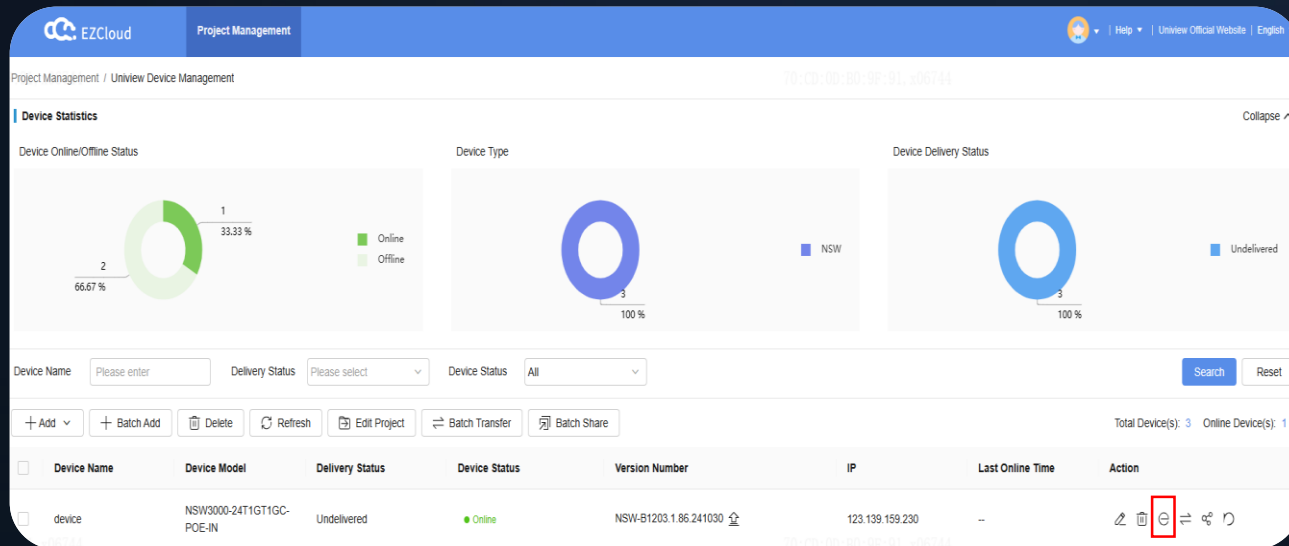
Smart Connection



EZCloud Jump Switch Web

Advantage

- ✓ CCTV and Switch are unified under EZCloud management
- ✓ You can jump to the cloud managed switch through EZCloud without mapping
- ✓ Remote operation and maintenance, no need to go to the site



Smart management



No more rushing to the site to troubleshoot problems!



Remote maintenance and troubleshooting

- Remote/auto-restart IPC

If a camera is abnormal, you can restart the camera by reboot POE port remotely. There is no longer any need to go to the site to find the corresponding port of the switch and plug the network cable.

- View device status information via APP

including switch information, usage, port status, port rate, etc.



Smart management



Real-time alarm notification via APP

Port status alarm

Port UP alarm
Port DOWN alarm



Port rate alarm

Alarm when port speed exceeds 80%
Alarm after port speed recovers below 80%



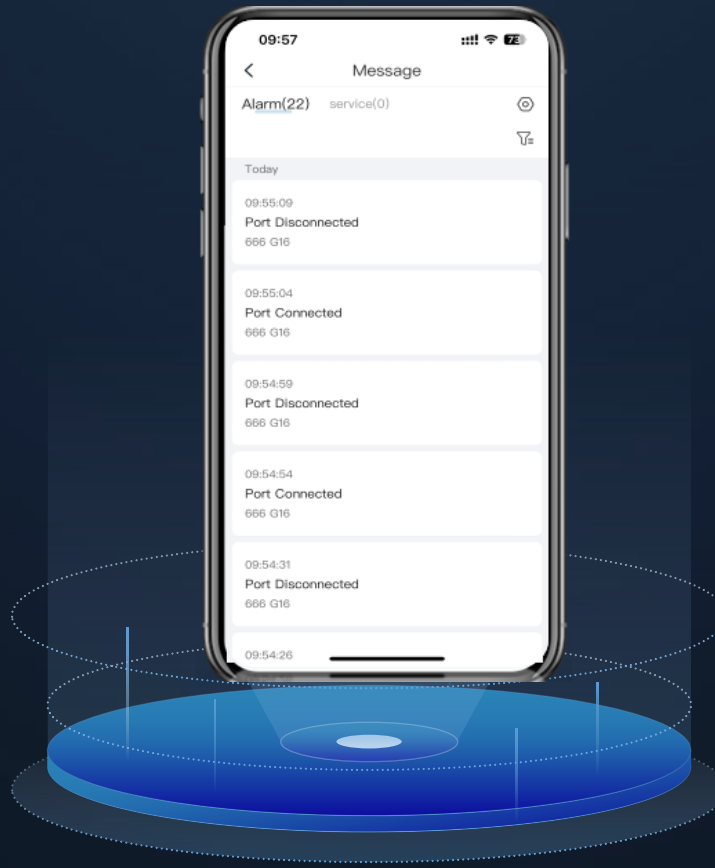
POE power supply alarm

Alarm when POE power usage exceeds 85%
Alarm after POE power usage rate recovers below 85%



Loop alarms

When a port loop occurs, the APP pushes an alarm message



Smart management

Remote network configuration

VLAN Configuration

- The graphical interface of the app makes VLAN configuration easier



Port Configuration

- Port Aggregation
- Port Speed Limit
- Port Isolation



250M extension mode

- Support single-port remote opening of 250M extension mode



Anti-loop

- APP can open the port anti-loop with one click



Port remarks

- You can mark the terminal devices connected to the switch port on the APP.

(For example, make notes according to the location of the device for easy viewing)



Port ON/OFF

- Ports can be turned on and off
- Support POE power supply on and off



A low-angle, black and white photograph of a man in a dark suit standing on a high-rise building, with his arms outstretched towards the sky. The building's grid-like facade is visible in the background. A blue graphic element, consisting of a vertical bar and a curved shape, is overlaid on the left side of the image.

Unlimited New View