

CCTV Project Products

高付加価値製品 ご紹介資料

2024・Q2編集版



CONTENTS

- 01** DeepinView Series (7・8シリーズ)
- 02** 特殊シーン
(ソーラー・防爆・耐腐食・耐高温・全方位)
- 03** PTZ Cameras
- 04** DeepinMind NVR
- 05** ANPR・Parking

DeepinView Series

HIKVISION

カメラ本体に様々 AI アプリケーションを搭載

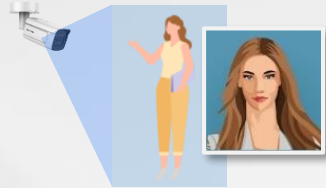
スマートイベント (境界保護)



...

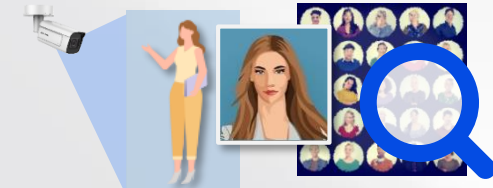
Intrusion, Cross-line, Enter/Exit Region... etc., support combined rules

フェイスキャプチャー



-60° to 60° left/right
-30° to 30° up/down
Gets 7 face features

顔認識



Block / allow list
Stranger alarm
Frequency alarm
Face lib encryption

HEOP

NEW

7xxxG2 only,
upcoming Q4

HEOP



For Algorithm Developers looking for
professional hardware to achieve
business

Switchable AI
by manual or on schedule



エリア人数カウント



Regional people counting, queue mgmt., heat map, on/off duty

フェイスカウンティング



Counts Enter / Leave / Pass-by
Support Duplication counting based
on face comparison

属性推定



7 face features
13 human body features
2 vehicle features
Cross-line counting by target types

AI Open Platform (ヘルメット検知など)



Hard-hat & PPE
AIOP: for users without
algorithm developing basis

(参考) 次世代モデル : DeepinView Camera on **H11** Platform

HIKVISION®

DarkFighter 2.0 and Rich AI capabilities



- **SharpMotion** 暗い場所での早い被写体に対応

AI-powered ISP video noise reduction, improve night image capture effect;

- **ShotN** 人と車両など異なる速度の被写体に対応

ShotN technology captures human and vehicles with clear details at night

- **ハイパフォーマンス, インテリジェント機能**

2 MP @ 120 fps, 4 MP @ 60 fps, 4K @ 60 fps high frame rate
Built-in AI and HEOP 2.0, simultaneous dual-intelligence modes
Built-in SSD models(1TB) for edge recording

- **セキュリティ対策強化**

Dynamic mosaic for full process protection
TPM 2.0 for all models

SharpMotion

Function OFF



Function ON



Clearer Object Details

ShotN

Function OFF



Function ON



Clear Capture of
Objects Moving at
Different Speeds



DarkFighter 2.0

iDS-2CD71x6G2



DarkFighter 2.0

iDS-2CD7Ax6G2

4/8/12 MP Multi-intelligence

DF2.0 SharpMotion, ShotN, HFR, AWDR

HEOP, AIOP, simultaneous dual AI

Selected models with 1TB SSD

4/8/12 MP Multi-intelligence

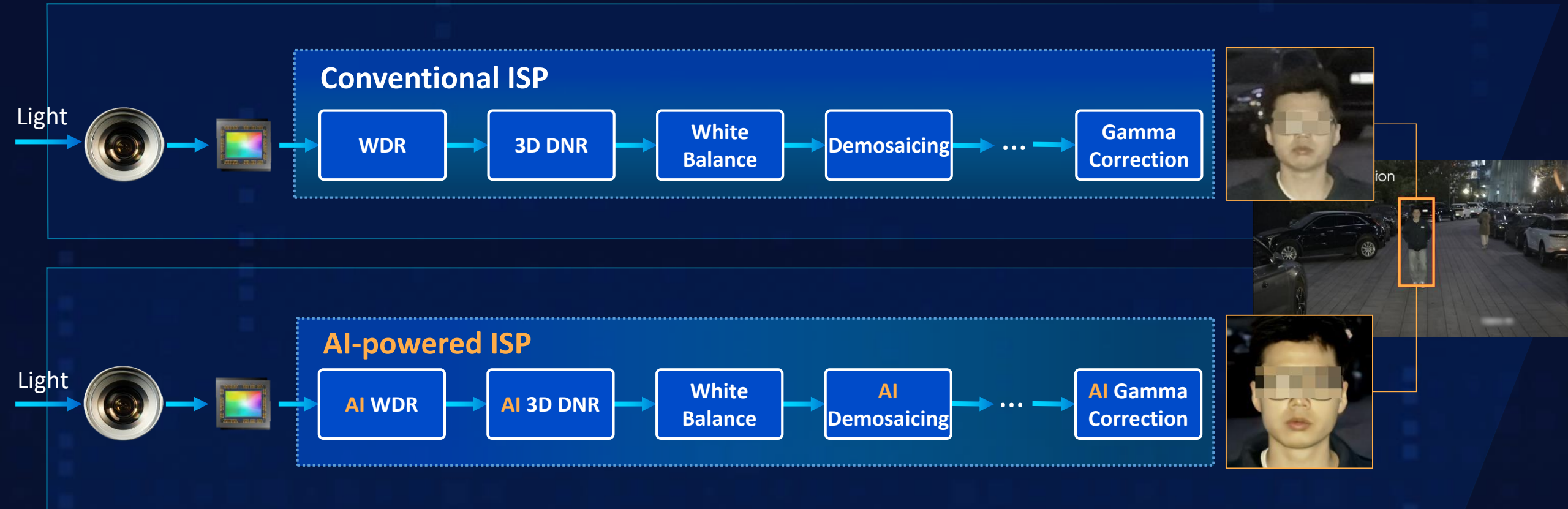
DF2.0 SharpMotion, ShotN, HFR, AWDR

HEOP, AIOP, simultaneous dual AI

Selected models with 1TB SSD

. Mechanism Description

AI-powered ISP General Workflow



※ISP（イメージシグナルプロセッサ）センサーから受け取った電子画像に、補正や調整を行う

. The DarkFighter tech family is now upgraded with AI

SharpMotion – AI ノイズリダクション

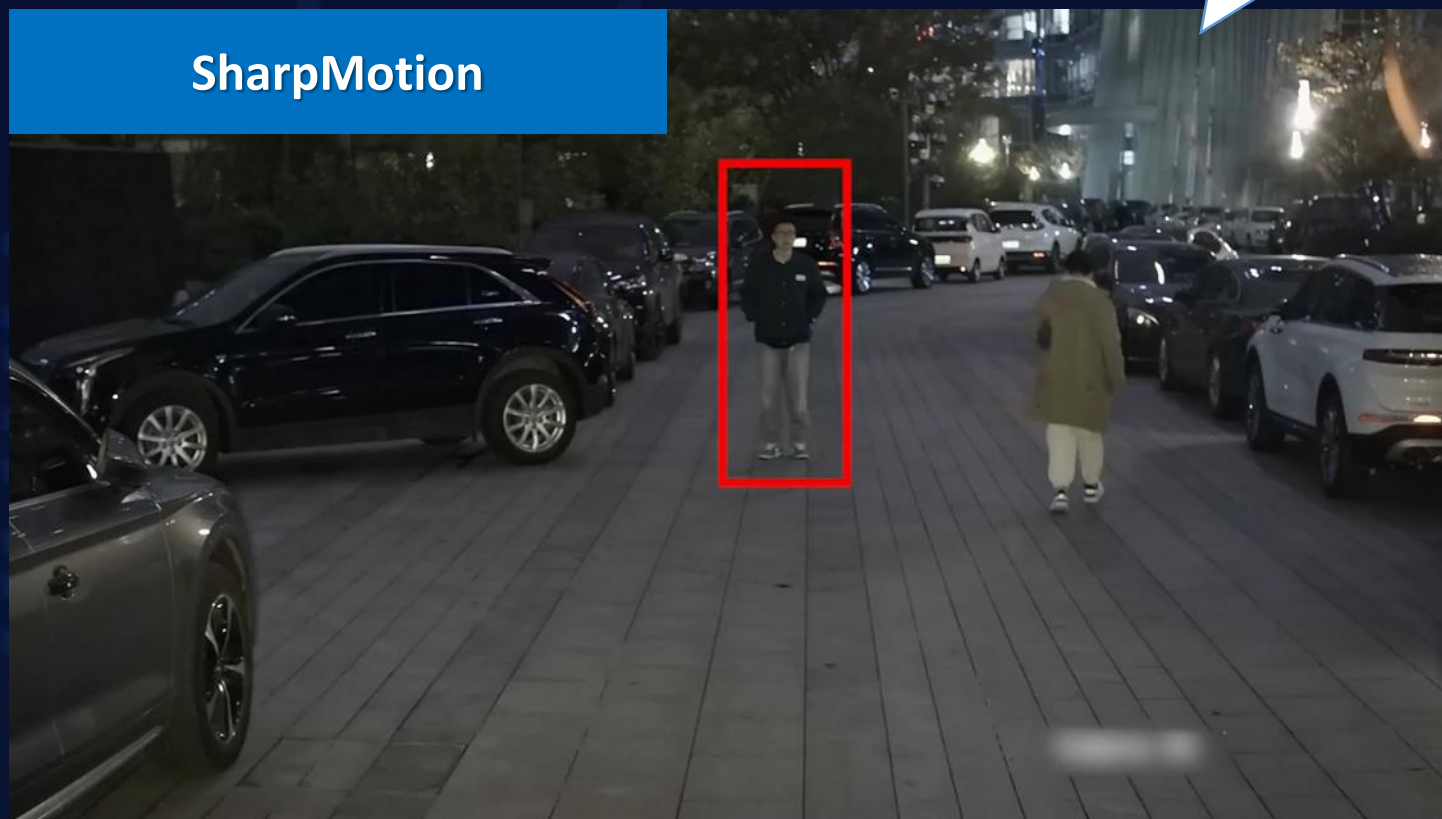
AIと画像信号処理（ISP）を組み合わせることで、ノイズを最小限に抑えた鮮明でカラフルな動きのビデオを実現

ノイズを最小限に抑える

Brighter, Clearer Low-Light Images

Clearer Object Details

SharpMotion



SharpMotion OFF



SharpMotion ON



. The DarkFighter tech family is now upgraded with AI

ShotN – Multi-Frame Exposure

暗い場所において、異なる速度で動く物体を複数フレーム露光で同時に鮮明に撮影

Clear Capture of Objects Moving at Different Speeds

ShotN



車両の速度に合わせて撮影した場合、通常、人間は暗く撮影されてしまう。ShotNでは、人も車両も適切な露光で撮影することができる。

ShotN OFF



ShotN ON



ヘッドライトによる白飛びが発生していない

Lens contamination and maintenance difficulties are common challenges in dusty scenes such as tunnels, factories, cargo docks, coal mines, power plants, and building materials factories.

2年間メンテナンスフリー
with 1 spray per week

76.5°

Recommended Installation

3.5m

Downward tilt angle 15°
Blind-zone: 5m

* Calculated by 4MP, 2.8-12mm lens model, 2.8mm focal position

セルフクリーニングネットワークカメラ New order models with smart hybrid light

HIKVISION®



DarkFighter

Smart Hybrid Light



IDS-2CD8A46G0/SC-XZY
(2.8-12mm/ 8-32mm)



Maintenance-free

- Auto lens cleaning: camera has 2L tank to fill in cleaning fluid
- Lens heater: enhancing the cleaning effort
- Nano-coating lens: not easily attached by stains



Scenario Adaptive

- Vari-focal ColorVu and low light image enhancement - 2 sets of parameters for 'tunnel inside' and 'tunnel entrance' scenarios



Advanced Structure Design

- Blue glass lens with lens hood, solving the problem of stray light and backlighting in the tunnel



Multi-intelligence

- Built-in AI including ANPR, face capture, multi-target-type recognition.

8 Series 超低温カメラ

マイナス60℃ の寒冷地でも利用可能



iDS-2CD8A46G0-IZ/UH

New Release

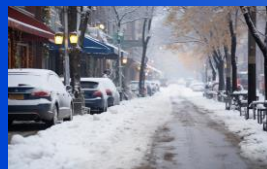
DarkFighter

- 1/1.8" sensor, excellent low light image with DarkFighter
- 140dB WDR
- Perimeter Protection
- AIOP fragmented AI algorithm training based on specific application needs
- Startup and operate at **-60°C**
- Lens demist, IP67

Application Scenarios



Winter Resorts



High Latitude Areas



Outdoor Facilities



Cold Storages

...

* 12 VDC \pm 10%, 4.28 A, max. 51.4 W power supply.
PoE NOT supported.

三眼式行動分析カメラ

Boosting incident handling efficiency and adding value to onsite CCTV



HD Video 4MP @30 fps



3つのレンズを利用し、分析精度を向上

異常な人数の検知



Switchable
10-in-1
Analysis



滞留検知

異常な距離の検知



暴力の検知

ラインクロス



走り検知

転倒検知

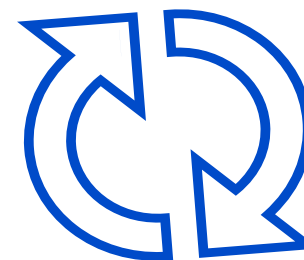


うろつき検知

在席（不在）検知



進入検知



iDS-2CD8447G0/B-RS

(2.8mm / 4mm)

New Release

**Application
Scenarios**



Banks and ATMs, Hospitals, Clinics, Nursing homes, Schools and colleges, indoor public areas of office, hotel, residential...and etc.

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ソーラーカメラ

HIKVISION

製品仕様	外観			
	型番	DS-2XS6A87G1-LS/C36S80 DS-2XS6A47G1-LS/C36S80	DS-2XS6A46G1-IZS/C36S80	DS-2DE5425IWG-K/4G
	カメラ	4/8 MP ColorVu	4 MP	4MP
	レンズ	2.8 / 4 mm	2.8 -12 / 8-32 mm	4.8-120mm, 25倍光学ズーム
	バッテリー	360 WH(モジュールバッテリー 90 WH *4) 充電温度:0 °C - 45 °C、放電温度:-20 - 60 °C		
	ソーラーパネル	80 W		
	動作温度	-20 - 60°C		
	インターフェース	1/1 Audio; 1/1 Alarm; DC12V out (12W)		
	ストレージ	Built-in memory card slot, up to 256 GB; Built-in 64 GB eMMC storage	Built-in memory card slot, up to 256 GB Built-in 256 GB eMMC storage or 512 GB / 1TB SSD	Built-in memory card slot, up to 256 GB Built-in 256 GB eMMC storage
	デフォルト作業モード	Proactive mode		
インテリジェント機能 (イベント)	AcuSense (V5.7.40, performance or proactive mode), motion detection (in performance or proactive mode)			
雨や雲の日の稼働時間 (25°C)	Performance mode	5 days	2-3 days	
	Proactive mode	8 days	7 days	
	Standby mode	80 days		
フル充電に必要な時間(25°C)	Performance mode	4 days		
	Proactive mode	2 days		
	Standby mode	1.5 days		

測定条件

Performance mode: 連続録画、IR/ホワイトライト完全点灯、4Gモジュール点灯（終日プレビュー）、インテリジェント機能オン

Proactive mode: 連続録画、IR/ホワイトライト30%点灯（約6時間）、4Gモジュールはハートビートのみを維持、インテリジェント機能点灯、30イベントトリガー、3分表示で10回手動ウェイクアップ可能

Standby mode: 連続録画なし、IR/白色光30%点灯（約6時間）、4Gモジュールはハートビートのみを維持、毎回3分表示で10回手動ウェイクアップ

防爆カメラ

HIKVISION

Product Family

Explosion-proof & Anti-corrosion

- 316L Stainless Steel
- Anti-corrosion coating
- Deep learning functions

Explosion-proof

304 stainless steel
/Aluminum alloy



DS-2DY9236I-CWX(T5/316L)
36X vari-focal position system
37.6kg, 2MP@30fps, DarkFighter,
Deep-learning face capture



DS-2DY7432IXG-XY
32X vari-focal position system
25.5KG, 4MP@30fps, DarkFighter,
Deep-learning face capture



DS-2DF8432IWR-CXF
32X, 8-inch PTZ,
4MP@30fps
Deep-learning face capture,
face comparison and
perimeter protection



DS-2DF6C431-CX(T5/316L)
23/31X PTZ,
13kg, 4MP@30fps, DarkFighter
Deep-learning face capture



DS-2DF4220-DX(S6/316L)(C)
20X 4-inch PTZ,
8kg, 2MP@30fps



DS-2DB4223I-CX
DS-2DB4236I-CWX
23/36X vari-focal bullet
2MP@30fps, DarkFighter
Deep-learning face capture



DS-2XE6422/42/82F-IZHRS
4X vari-focal bullet, 2/4/8MP@20fps, wiper
Deep-learning perimeter protection



DS-2XE6825/45/85G0-IZHS
4X vari-focal bullet, 2/4/8MP@30fps,
Deep-learning face capture, perimeter
protection and **hard hat detection**



DS-2XE6242F-IS
Fixed bullet, 4MP@25fps
Deep-learning perimeter protection



DS-2XE6146F-HS(C)
Dome, 4MP@30fps
F1.0, 0.003Lux



DS-2DF4420-DX(S6)
20X 4-inch PTZ, 4MP@30fps
304 stainless steel, without anti-
corrosion coating



DS-2XE6445G0-IZS
4X vari-focal bullet, 4MP@30fps
304 stainless steel, without anti-
corrosion coating



DS-2XE6145G0-HS
Dome, 4MP@30fps
304 stainless steel, without
anti-corrosion coating



DS-2XE6025/45G0-I
Aluminum alloy, 2/4 MP@30fps

耐腐食カメラ

Next-gen material, incredibly reliable

C5-M

NEMA 4X



DF8 PTZ: DS-2DT8C442MXG-LWT

DF5 PTZ: DS-2DT5432MWG-T(4G)

Bullet: DS-2XC6047G0-LS

Corrosion Resistance ≥ C5-M & NEMA 4X

Polymer Anti-Corrosion Material



Light weight



Cost-effectiveness

316L Stainless Steel Material



High impact resistance



High compressive strength

VS

Both Polymer Anti-Corrosion and 316L cameras support

NEMA 4X

North American Standard

Before



After



C5-M

International Standard

Before



After



Temperature Resistance

耐熱性	耐氷結性
Heat deflection temperature 280°C	-30°C impact strength keeps 92%

External Icing Test

Before



After



※従来のステンレスモデルよりも、安価でより簡単に設置することができます。

耐腐食カメラ

New generation of anti-corrosion technology

AcuSense ColorVu Technology HEOP



DS-2XC6027G0-L(S)
DS-2XC6047G0-L(S)

- ColorVu (F1.0 aperture, 1/1.8" sensor)
- 40 m white light
- Support AcuSense & HEOP
- IP68, NEMA 4X, C5-M
- Defog

AcuSense

DarkFighter

Pan: 0° to 360°

Tilt: -20° to 90°



DS-2DT8C442MXG-LWT

- Smart Pan-tilt-correction
- 42X optical zoom
- DarkFighter (F1.2 aperture, 1/1.8" sensor)
- 500 m laser IR light or 100 m white light
- Support AcuSense & AIOP
- IP67, NEMA 4X, C5-M
- EIS, Defog, with motorized wiper

NEW



DS-2DT5432MWG-T

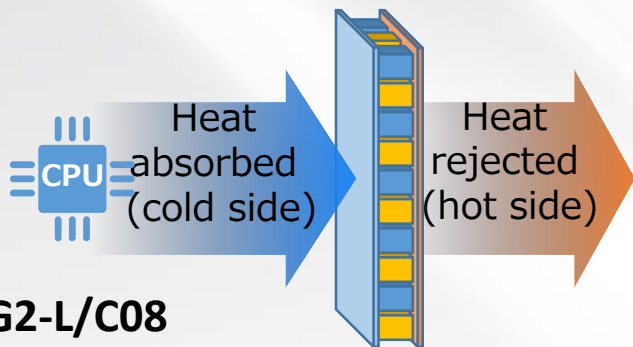
- 32X optical zoom
- 100 m IR light or 30 m white light
- IP67, NEMA 4X, C5-M
- Defog

耐高温カメラ（電子冷却）

Semiconductor-cooling



ペルチエ効果（*）を利用して一方の面からもう一方の面に熱を伝えて冷却します。



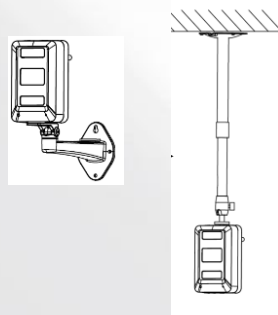
DS-2XT6445G2-L/C08

Application Scenarios < 85°C

Tobacco baking room, food baking room, high temperature aging room



設置方法



85°C



Balanced fill light

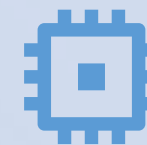
Fixed lens

Ultra-thin body (90mm)

Semiconductor-cooling camera



Compact structure for easy installation



Semiconductor-cooling technology for 7×24h work



Balanced fill lights for color details

（*）異なる金属を接合して電流を流すと、熱の吸収・放出が起こる現象

フィッシュアイカメラ

HIKVISION®



360°
Fisheye Camera
 1 sensor with
 180° or 360°
 Field of View



180°
5 MP
 Indoor
HEOP
 <DS-2CD3956G2-IS(U)>
 HEOP + Heat Map



360°
6 / 12 MP
 Indoor
 IMMERSION
HEOP
 DS-2CD6365G1-S/RC
 DS-2CD63C5G1-S/RC
 HEOP + 4 deep learning functions
 In-ceiling Mount



HOT!
360°
6 / 12 MP
IP67
 IMMERSION
HEOP
 DS-2CD6365G1-IVS
 DS-2CD63C5G1-IVS
 HEOP + 4 deep learning functions



360°
6 MP
IP67
 Lens Cover
HEOP
 DS-2CD6W65G1-IVS
 HEOP + 4 deep learning functions
 Corner mount

pixel範囲の改善

Ineffective



effective pixels
 +36%



Other Brands

4 : 3 ratio

Total pixels = 4000 × 3000 = 12 MP
 Effective pixels = 3000 × 3000 = 9MP

New Generation

1 : 1 ratio, more details

Total pixels = 3504 × 3504 ≈ 12.27MP
 Effective pixels 3504 × 3504 ≈ 12.27 MP

柔軟な魚眼補正



20 dewarping modes

+



AI機能



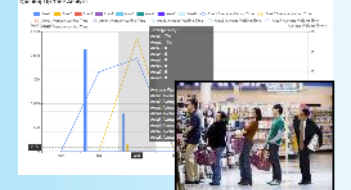
ヒートマップ



人数カウント



交差分析



行列検知

Application Scenarios



Shops



Schools



Hospitals



Warehouses



Logistics

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New 25x/32x PTZ with ColorVu

Long Distance 24/7 Colorful Imaging

- New 4 MP lens with 32x optical zoom

White Light and IR Light Optional

- 150 m IR light or 100 m white light

Intelligence

- AcuSense technology
- Auto Tracking 2.0
- Live Guard

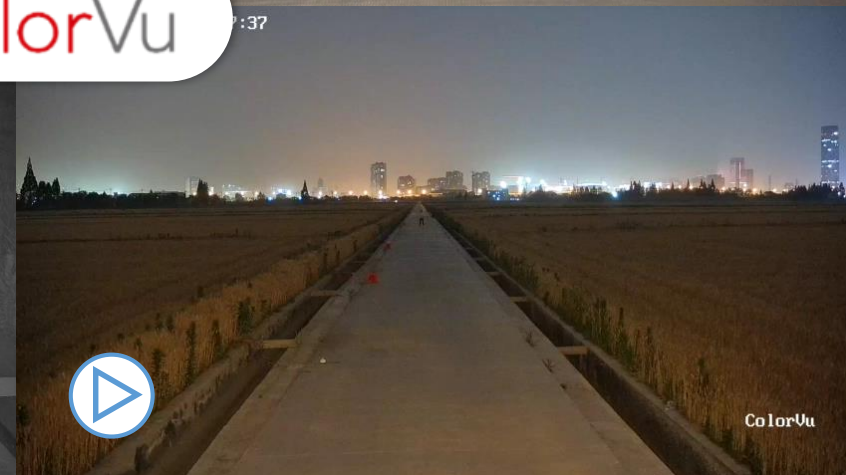
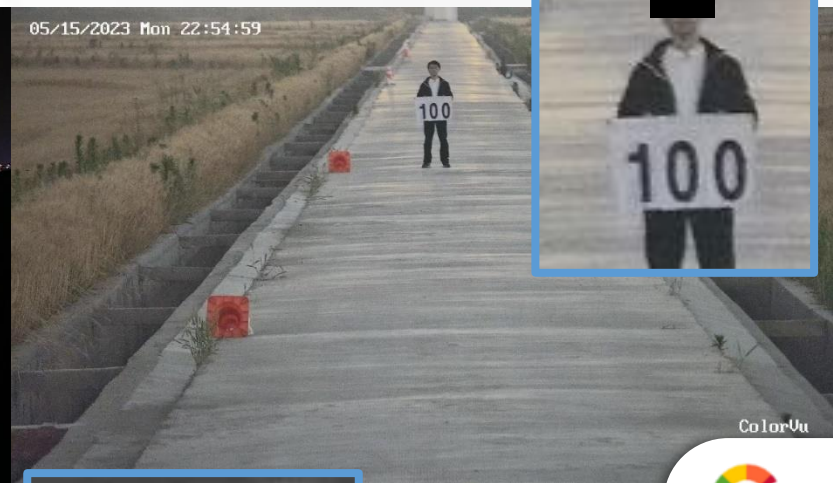


DS-2DE7A432MWG-EB

DS-2DE7A425MWG-EB

Released

New 25x/32x PTZ with ColorVu



IR on

IR on

Warm light on

Network PTZ Camera Product

Application scenarios: Highways, Railways, Airports, Harbors, Border...

チルト角度（上下）：-90度～+90度に対応

鉄塔などのモニタリングに最適

EISによる
振動時の画像安定化

DY5 ★



HOT

25X
Hi-PoE (AE models)
DS-2DY5225IX-AE(T5)

DY7



36x
150m IR

DY9



40x/ 50x
Up to 1000m laser
Alarm I/O: 7/2

DYH

DARKFIGHTER



100x or 80x
Up to 3000m laser
Panoramic+detail 2
MP/4 MP
Alarm I/O: 7/2



Water level detection



Traffic violation detection



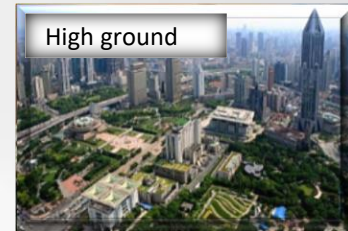
Attendance Check



Highway



Harbor



High ground



Border



Electric



Road

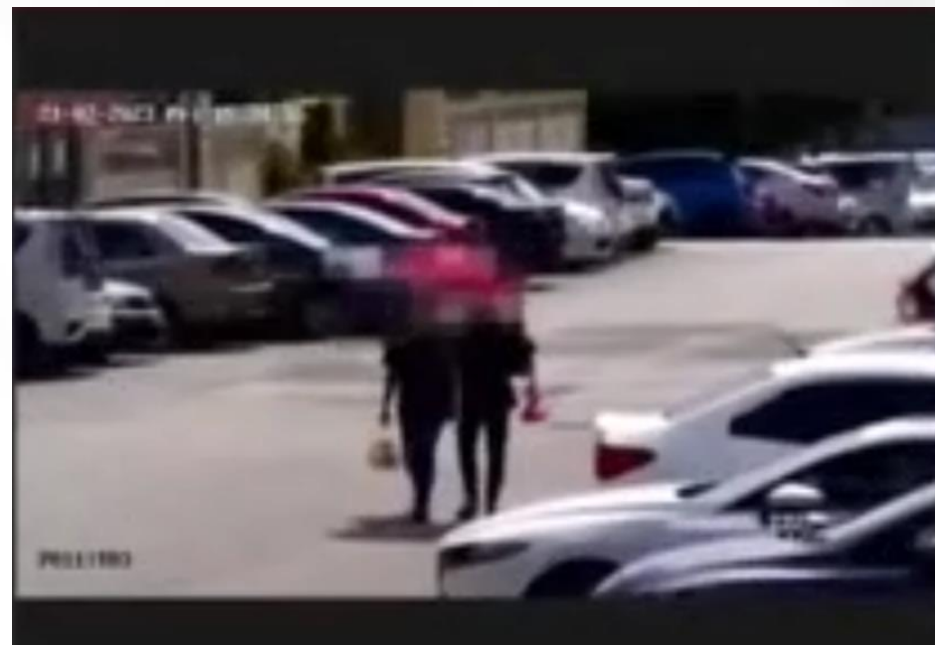
TandemVu

広角レンズとズームレンズで被写体を撮影することができます。

Firmware Upgrade – V5.8.0



広角レンズ



ズームレンズ



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効率的な録画映像の再生

Smart Search:

映像内で指定した範囲のモーション（イベント）を検出し、映像を効率的に再生します。

Draw a rule box at the location where the event happened



Smart Search

Find out human/vehicle that entered the area



※人と車両を検知した時間帯は赤く表示

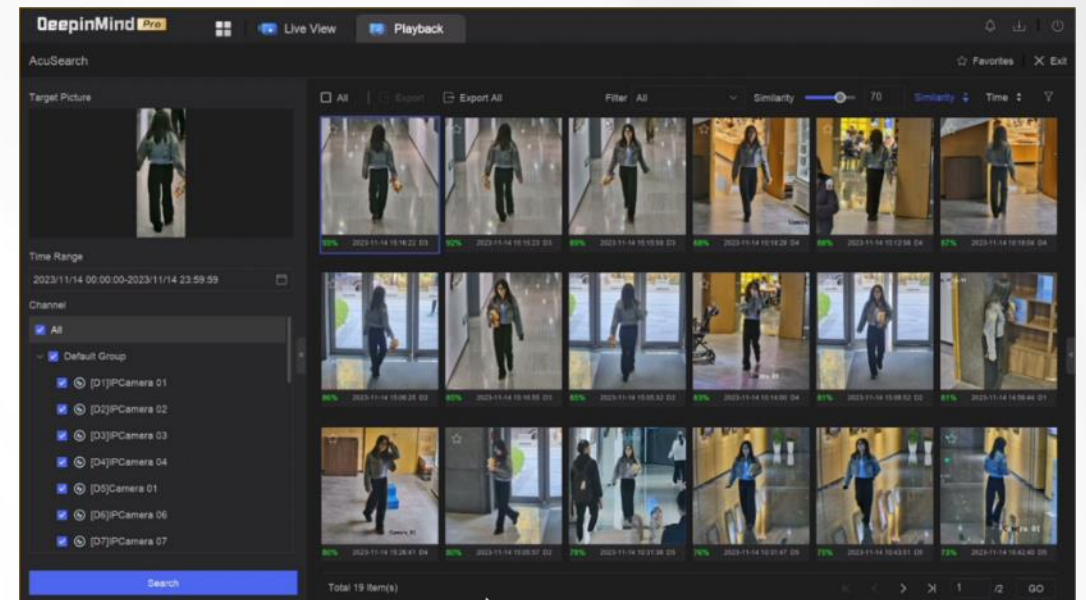
効率的な録画映像の再生

AcuSearch:

ワンクリックで特定のターゲットを選択すると、関連ビデオが表示されます。

Select an interested human target

Find out all the related recordings



AcuSearch

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ANPR Camera

(車番認識カメラ)



より正確な車番認識

- Supports vehicle & motorcycle license plate recognition
- Supports vehicle attributes abstracting
- Equipped with special exposure algorithm
- Adapt to multiple challenging environments: low illumination, large corner (of a road)



高い互換性

- Access I/M series NVR with basic ANPR management
- Access video intercom/ access control product by Wiegand
- Access 3rd party products by ISAPI, SDK, etc.



耐環境性能

- Smart supplement light (switchable infrared and white light)
- External shield structure (with external shield, and rain-proof glass)



柔軟な設置環境

- With multiple mounting options: wall mount/ Pole mount/ Hoop mount

Model	DS-TCG406-E
Sensor Type	1/1.8" Progressive Scan CMOS
Lens Type	2.8 to 12 mm 8 to 32 mm
Max. Resolution	2688 × 1520
WDR	140 dB
Smart Supplement Light	IR Light, White Light
Smart Function	ANPR, Motor Vehicle Feature, Vehicle Color Recognition, Enable Vehicle Manufacturer Recognition, Moving Direction
Power Supply	12 to 24 VDC/PoE
Barrier Gate Control Mode	By Camera/Platform/Mixed



Thanks