

Version surveillance

VACRON
ADVANCES IN SECURITY SOLUTIONS

2023

*We can achieve comprehensive
security monitoring with smart
image monitoring technology
to solve security problems
for customers.*



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Operation Efficiency Optimization via AI

The precise recognition of AI cameras is applied to face recognition, human shape recognition, and license plate recognition, etc., to effectively control the entry and exit of personnel and vehicles. The SDK can be used for integration by back-end system providers, which has both security and management efficiency.



LPR Network Camera

- ▶ 80% recognition universal LPR learning algorithm built in. 95% + recognition after upgraded with license plate snapshot learning evolution thrice.

Starlight Sony CMOS

Low illumination color image high resolution night vision enhanced.

- **5** license plate recognition on CCTV monitor at the same time.
- Up to **10000** license plate data control.
- Micro SD card **256G** support for license plate recognition images storage and verification on browser available.

Rapid recognition up to **5** persons in a single picture.

Up to **9000** avatar imported for recognition database.

Big Graphic Storage Support. ◀

Origin Detection via Cameras

Intelligent recognition and detection of humanoid objects

A.I. powered visible geo-fencing configuration free ◀ from human powered errors.

Up to **10** groups of humanoid detection and tracking at the same time.

Hardware Debugged Mechanism.



Model	VIN-US763CTA-E4	VIN-US763CVTA-E4
Resolution	1080P	
Image Sensor	1/2.8" SONY CMOS	
Lens	Auto Varifocal 2.8-12mm	Auto Varifocal 5-50mm
LEDs	6PCS HI-P LED	
Illumination	0.001 Lux	
MotoZoom	•	
IP	IP66	



Model	VIN-US731CTA-E4	VIN-US731CVTA-E4
Resolution	1080P	
Image Sensor	1/2.8" SONY CMOS	
Lens	Auto Varifocal 2.8-12mm	Auto Varifocal 5-50mm
LEDs	8PCS HI-P LED	
Illumination	0.001 Lux	
MotoZoom	•	
IP	IP66	



Model	VIN-US730CTA-E4	VIN-US730CVTA-E4
Resolution	1080P	
Image Sensor	1/2.8" SONY CMOS	
Lens	Auto Varifocal 2.8-12mm	Auto Varifocal 5-50mm
LEDs	12PCS HI-P LED	
Illumination	0.001 Lux	
MotoZoom	•	
IP	IP66	

Features

• LPR learning algorithm built in

95% + recognition after upgraded with license plate snapshot learning evolution thrice.

• Auto Varifocal lens

Equipped for sharpness of the recognition zone.

• ONVIF compliance

Best compatibility and integration.

• Starlight Sony CMOS

High resolution night vision enhanced.

• Event Files Remote Search Support

Immediate Capture of Vehicle in and out Data.

• 256 GB SD card storage

for snapshot images and video files.

• Efficient integration in development

Open SDK for platform integration.



Advanced IP Camera Chipset NEW

Both Image Quality and Compression Efficiency are Enhanced.

#High Definition #Super Clear #High Stability #More Fluidity

Peace of Mind New Choice in Use of App



- 1 **Easy** | Easy Remote Access wherever whenever.
- 2 **Safety** | Secure Account Management Information.
- 3 **Innovative** | Functions Upgraded Persistently.



Model	VIN-US731V-E8	VIN-US731-E6	VIN-US731V-E6
Resolution	8MP	5MP	5MP
Image Sensor	1/2.8" SONY CMOS		
Lens	Varifocal 3.6-11mm	3.6mm	Varifocal 2.8-12mm
LEDs	8PCS HI-P LED		
IR Range	30m		
Illumination	0.1 Lux		
Night Color	/		
MotoZoom	/		
IP	IP67		



Model	VIG-US731V-D6	VIG-UJ731AV-Z5	VIG-US731T-D2
Resolution	5MP	1080P	1080P
Image Sensor	1/2.8" SONY CMOS	1/3" CMOS	1/2.8" SONY CMOS
Lens	Varifocal 2.8-12mm		
LEDs	8PCS HI-P LED		
IR Range	30m		
Illumination	0.1 Lux	0.1 Lux	0.01 Lux
Night Color	/		
MotoZoom	/		
IP	IP67		



Model	VIN-US730T-E6	VIN-US730VT-E6	VIN-US730-E6
Resolution	5MP		
Image Sensor	1/2.8" SONY CMOS		
Lens	Auto Varifocal 2.8-12mm	Auto Varifocal 5-50mm	3.6mm
LEDs	12PCS HI-P LED		
IR Range	100m		
Illumination	0.1 Lux		
Night Color	/		
MotoZoom	•	•	/
IP	IP66		



Model	VIG-US730V-D6	VIG-US730T-D6	VIG-UJ730AV-Z5
Resolution	5MP	5MP	1080P
Image Sensor	1/2.8" SONY CMOS	1/2.8" SONY CMOS	1/3" CMOS
Lens	Varifocal 2.8-12mm	Auto Varifocal 2.8-12mm	Varifocal 2.8-12mm
LEDs	12PCS HI-P LED		
IR Range	100m		
Illumination	0.1 Lux		
Night Color	/		
MotoZoom	/	•	/
IP	IP66		



Model	VIN-US730T-E4	VIN-US730VT-E4
Resolution	1080P	
Image Sensor	1/2.8" SONY CMOS	
Lens	Auto Varifocal 2.8-12mm	Auto Varifocal 5-50mm
LEDs	12PCS HI-P LED	
IR Range	100m	
Illumination	0.001 Lux	
Night Color	/	
MotoZoom	•	
IP	IP66	



Model	VIG-DJ782A-Z5
Resolution	1080P
Image Sensor	1/3" CMOS
Lens	3.6mm
LEDs	12PCS HI-P LED
IR Range	15m
Illumination	0.1 Lux
Night Color	/
MotoZoom	/
IP	/



Model	VIG-US730V-D2	VIG-US730T-D2
Resolution	1080P	
Image Sensor	1/2.8" SONY CMOS	
Lens	Varifocal 2.8-12mm	Auto Varifocal 2.8-12mm
LEDs	12PCS HI-P LED	
IR Range	100m	
Illumination	0.01 Lux	
Night Color	/	
MotoZoom	/	•
IP	IP66	



Model	VIG-DJ726A-Z5
Resolution	1080P
Image Sensor	1/3" CMOS
Lens	3.6mm
LEDs	8PCS HI-P LED
IR Range	25m
Illumination	0.1 Lux
Night Color	/
MotoZoom	/
IP	IP66



Model	VIG-UJ768-Z7	VIG-UJ768-Z5
Resolution	5MP	1080P
Image Sensor	1/2.5" CMOS	1/3" CMOS
Lens	3.6mm	
LEDs	8PCS HI-P LED	
IR Range	30m	
Illumination	0.1 Lux	
Night Color	/	
MotoZoom	/	
IP	IP66	

Model	VIG-UJ736A-Z5
Resolution	1080P
Image Sensor	1/3" CMOS
Lens	3.6mm
LEDs	8PCS HI-P LED
IR Range	30m
Illumination	0.1 Lux
Night Color	/
MotoZoom	/
IP	/



Model	VIG-US760VT-D6	VIG-US760T-D6	VIG-US760-D4
Resolution	5MP	5MP	1080P
Image Sensor	1/2.8" SONY CMOS		
Lens	Auto Varifocal 5-50mm	Auto Varifocal 2.8-12mm	4.0mm
LEDs	8PCS HI-P LED	8PCS HI-P LED	/
IR Range	30m	30m	/
Illumination	0.1 Lux	0.1 Lux	0.001 Lux
Night Color	/	/	•
MotoZoom	•	•	/
IP	IP66		



Model	VIG-DS757V-D6	VIG-DS757V-D2
Resolution	5MP	1080P
Image Sensor	1/2.8" SONY CMOS	1/2.8" SONY CMOS
Lens	Varifocal 2.8-12mm	
LEDs	30PCS HI-P LED	
IR Range	25m	
Illumination	0.1 Lux	0.01 Lux
Night Color	/	
MotoZoom	/	
IP	/	

Model	VIG-UJ739A-Z5
Resolution	1080P
Image Sensor	1/3" CMOS
Lens	3.6mm
LEDs	36PCS LED
IR Range	35m
Illumination	0.1 Lux
Night Color	/
MotoZoom	/
IP	IP66



Model	VIG-US760VT-D2	VIG-US760T-D2
Resolution	1080P	
Image Sensor	1/2.8" SONY CMOS	
Lens	Auto Varifocal 5-50mm	Auto Varifocal 2.8-12mm
LEDs	8PCS HI-P LED	
IR Range	30m	
Illumination	0.01 Lux	
Night Color	/	
MotoZoom	•	
IP	IP66	

IP Remote Access System



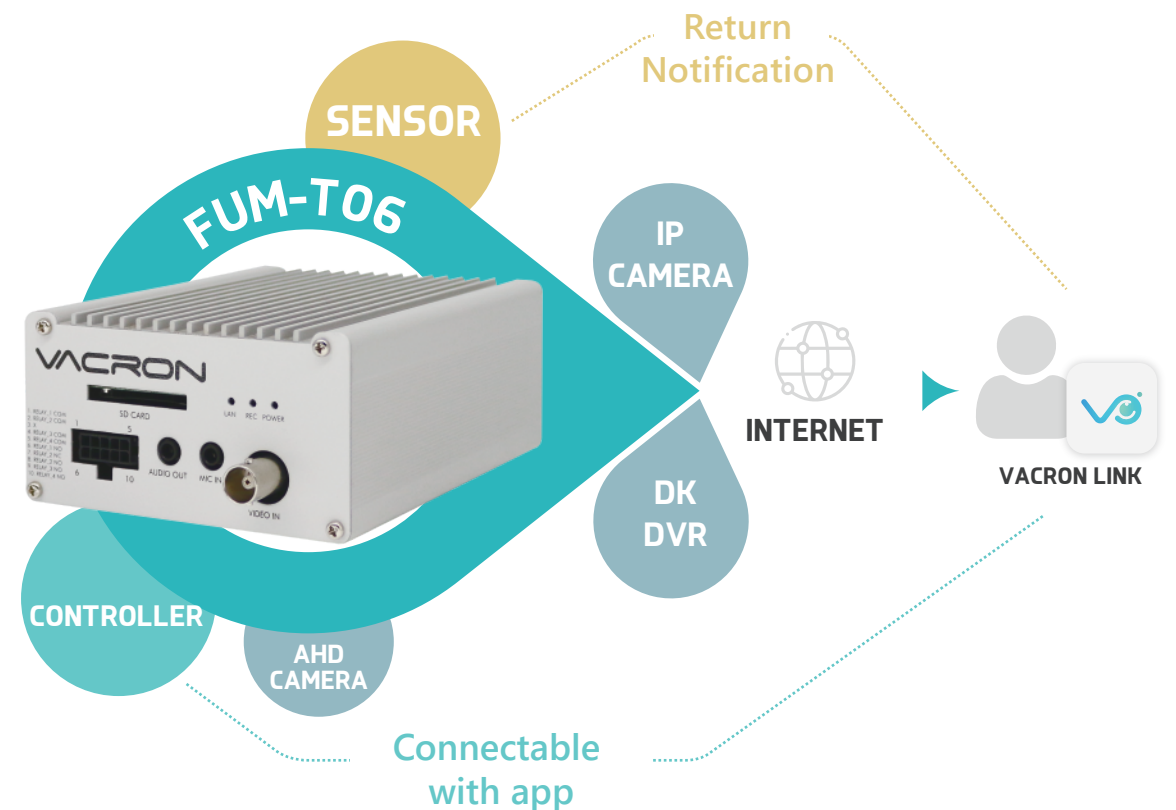
Model	VIG-DS755V-D6	VIG-DJ755AV-Z5	VIG-DS755V-D2
Resolution	5MP	1080P	1080P
Image Sensor	1/2.8" SONY CMOS	1/3" CMOS	1/2.8" SONY CMOS
Lens	Varifocal 2.8-12mm		
LEDs	24PCS HI-P LED		
IR Range	15m		
Illumination	0.1 Lux	0.1 Lux	0.01 Lux
Night Color	/		
MotoZoom	/		
IP	/		



WiFi IP CAM

Model	VIG-UJ723A-Z5	VIG-UJ736AW-Z5
Resolution	1080P	2MP
Image Sensor	1/3" CMOS	1/3" CMOS
Lens	3.6mm	3.6 mm
LEDs	8PCS HI-P LED	8PCS HI-P LED
IR Range	30m	35m
Illumination	0.1 Lux	0.1 Lux
Night Color	/	/
MotoZoom	/	/
IP	IP166	IP66

Cloud Comprehensive Controller Connection Concept



1ch

FUM-T06-A

Comprehensive Cloud Controller
(Dedicated to Garage Door)

- 1080@30fp
- DC12V
- 113.5 x 95 x 50mm
- Audio Recording and Intercom
- Compatible with various Garage Door Safety Sensor



8ch

VDH-NK200B

- H.265
- SATA HDDx2(max.10TB)
- 1ch 5MP@15fps
- 8ch VGA@30fps
- 430 x 314 x 53mm
- 2.7kg



8ch

VDH-NK200BE

- H.265
- SATA HDDx2(max.10TB)
- 1ch 5MP@15fps
- 8ch VGA@30fps
- 430 x 370 x 96mm
- 2.8kg



16ch

VDH-NK800B

- H.265
- SATA HDDx4(max.10TB)
- 4ch 1080P@30fps
- 16ch VGA@30fps
- 430 x 370 x 96mm
- 4.2kg



16ch

VDH-NK300B

- H.265
- SATA HDDx2(max.10TB)
- 1ch 5MP@30fps
- 16ch VGA@30fps
- 430 x 314 x 53mm
- 2.7kg



16ch

VDH-NK300BE

- H.265
- SATA HDDx2(max.10TB)
- 1ch 5MP@30fps
- 16ch VGA@30fps
- 430 x 314 x 53mm
- 2.8kg



16ch

VDH-NK900B

- H.265
- SATA HDDx4(max.8TB)
- 1ch 5MP@30fps
- 16ch VGA@30fps
- 430 x 370 x 96m
- 4kg



16ch

VDH-NK900BE

- H.265
- SATA HDDx4(max.8TB)
- 1ch 5MP@30fps
- 16ch VGA@30fps
- 430 x 370 x 96mm
- 4.8kg



NVR Series
AI Powered IP Cameras Support

5MP Full HD
Coaxial Audio Camera

**Overall
Monitoring**

TVI
Video and Audio Transmission



Coaxial Audio
Transmission Support

Model	VCF-5G282HD-A	VCF-5M282HD	VCN-SH59282HD
Resolution	5MP	5MP	1080P
Image Sensor	1/3" CMOS	1/2.8" SONY CMOS	1/2.8" SONY CMOS
Lens	3.6 mm	3.6 mm	4mm
LEDs	12 PCS		
IR Range	15m		
Illumination	0.1 Lux	0.1 Lux	0.01 Lux
Night Color	/	/	•
MotoZoom	/		
IP	IP66		



Coaxial Audio
Transmission Support

Model	VCF-5G60U-A	VCF-5M60U	VCF-5760U
Resolution	5MP	5MP	1080P
Image Sensor	1/3" CMOS	1/2.8" SONY CMOS	1/3" CMOS
Lens	3.6mm		
LEDs	4 PCS		
IR Range	30m		
Illumination	0.1 Lux		
Night Color	/		
MotoZoom	/		
IP	IP66		



Coaxial Audio
Transmission Support

Model	VCT-5760U-A	VCN-S5960U	VCN-SH5960U
Resolution	1080P		
Image Sensor	1/3" CMOS	1/2.8" SONY CMOS	1/2.8" SONY CMOS
Lens	3.6mm		
LEDs	4 PCS		
IR Range	30m		
Illumination	0.1 Lux	0.01 Lux	0.01 Lux
Night Color	/	/	•
MotoZoom	/		
IP	IP66		



Model	VCF-5K31HV	VCF-5M31HV	VCF-5731HV
Resolution	5MP	5MP	1080P
Image Sensor	1/2.5" CMOS	1/2.8" SONY CMOS	1/3" CMOS
Lens	2.8-12mm		
LEDs	8 PCS		
IR Range	30m		
Illumination	0.2 Lux	0.1 Lux	0.1 Lux
Night Color	/		
MotoZoom	/		
IP	IP66		



Model	VCF-5M75HV	VCN-S5975HV	VCN-SH5975HV
Resolution	5MP	1080P	1080P
Image Sensor	1/2.8" SONY CMOS		
Lens	2.8-12mm		
LEDs	8 PCS		
IR Range	30m		
Illumination	0.1 Lux	0.01 Lux	0.01 Lux
Night Color	/	/	•
MotoZoom	/		
IP	IP66		



Model	VCN-S5931HV	VCN-SH5931H-AF
Resolution	1080P	
Image Sensor	1/2.8" SONY CMOS	
Lens	2.8-12mm	2.6-12mm
LEDs	8 PCS	
IR Range	30m	
Illumination	0.01 Lux	
Night Color	/	•
MotoZoom	/	•
IP	IP66	



Model	VCF-5K16HDB
Resolution	5MP
Image Sensor	1/2.5" CMOS
Lens	3.6mm
LEDs	8 PCS
IR Range	30m
Illumination	0.2 Lux
Night Color	/
MotoZoom	/
IP	/



Model	VCF-5M16HDB	VCF-5716HD	VCN-S5916HDB
Resolution	5MP	1080P	1080P
Image Sensor	1/2.8" SONY CMOS	1/3" CMOS	1/2.8" SONY CMOS
Lens	3.6mm		
LEDs	8 PCS		
IR Range	30m		
Illumination	0.1 Lux	0.1 Lux	0.01 Lux
Night Color	/		
MotoZoom	/		
IP	/		



Model	VCF-5K60Q	VCF-5760Q
Resolution	5MP	1080P
Image Sensor	1/2.5" CMOS	1/3" CMOS
Lens	3.6mm	
LEDs	36 PCS	
IR Range	35m	
Illumination	0.2 Lux	0.1 Lux
Night Color	/	
MotoZoom	/	
IP	IP66	

Model	VCF-5M60H
Resolution	5MP
Image Sensor	1/2.8" SONY CMOS
Lens	3.6mm
LEDs	36 PCS
IR Range	35m
Illumination	0.1 Lux
Night Color	/
MotoZoom	/
IP	IP66

Model	VCF-5760H	FUM-S5960H	VCN-SH5960H
Resolution	1080P		
Image Sensor	1/3" CMOS	1/2.8" SONY CMOS	1/2.8" SONY CMOS
Lens	3.6mm	4.0mm	3.6mm
LEDs	36 PCS		
IR Range	35m		
Illumination	0.1 Lux	0.01 Lux	0.01 Lux
Night Color	/	•	•
MotoZoom	/		
IP	IP66		



Model	FUM-S5975H	VCN-SH5975H-AF
Resolution	1080P	
Image Sensor	1/2.8" SONY CMOS	
Lens	4.0mm	2.8-12mm
LEDs	/	8 PCS
IR Range	/	30m
Illumination	0.01 Lux	
Night Color	•	
MotoZoom	/	•
IP	IP66	

Model	VCF-5K37H
Resolution	5MP
Image Sensor	1/2.5" CMOS
Lens	3.6mm
LEDs	8 PCS
IR Range	35m
Illumination	0.2 Lux
Night Color	/
MotoZoom	/
IP	IP66

Model	VCF-5737H	VCN-S5937H	VCN-SH5937H
Resolution	1080P		
Image Sensor	1/3" CMOS	1/2.8" SONY CMOS	1/2.8" SONY CMOS
Lens	3.6mm		
LEDs	8 PCS		
IR Range	35m		
Illumination	0.1 Lux	0.01Lux	0.01 Lux
Night Color	/	/	•
MotoZoom	/		
IP	IP66		



Model	VCF-5K02H	VCF-5M02H	VCF-5702H
Resolution	5MP	5MP	1080P
Image Sensor	1/2.5" CMOS	1/2.8" SONY CMOS	1/3" CMOS
Lens	3.6mm	2.8-12mm	2.8-12mm
LEDs	12 PCS		
IR Range	100m		
Illumination	0.2 Lux	0.1 Lux	0.1 Lux
Night Color	/		
MotoZoom	/		
IP	IP66		



Model	VCF-5K26HD	VCF-5M26HD	VCN-S5926HDB
Resolution	5MP	5MP	1080P
Image Sensor	1/2.5" CMOS	1/2.8" SONY CMOS	1/2.8" SONY CMOS
Lens	3.6mm		
LEDs	8 PCS		
IR Range	30m		
Illumination	0.2 Lux	0.1 Lux	0.01 Lux
Night Color	/		
MotoZoom	/		
IP	IP66		



Model	VCN-S5902H	VCN-SH5902H-AF	VCN-SH5938H-AF
Resolution	1080P		
Image Sensor	1/2.8" SONY CMOS		
Lens	2.8-12mm	2.6-12mm	2.8-12mm
LEDs	12PCS		
IR Range	100m		
Illumination	0.01 Lux		
Night Color	/	•	•
MotoZoom	/	•	•
IP	IP66		



Model	VCF-5K57HD	VCF-5M57HD	VCN-S5957HD
Resolution	5MP	5MP	1080P
Image Sensor	1/2.5" CMOS	1/2.8" SONY CMOS	1/2.8" SONY CMOS
Lens	2.8-12mm		
LEDs	30 PCS		
IR Range	25m		
Illumination	0.2 Lux	0.1 Lux	0.01 Lux
Night Color	/		
MotoZoom	/		
IP	/		

AHD Monitoring System



Temperature measurement
of thermal

Model	VCF-5K68H	VCF-5768H
Resolution	5MP	1080P
Image Sensor	1/2.5" CMOS	1/3" CMOS
Lens	3.6mm	
LEDs	8 PCS	
IR Range	35m	
Illumination	0.2 Lux	0.1 Lux
Night Color	/	
MotoZoom	/	
IP	IP66	

Model	FUM-TC810
Resolution	720P
Image Sensor	Thermopile far-infrared sensor
Lens	/
LEDs	/
IR Range	/
Illumination	/
Night Color	/
MotoZoom	/
IP	/



Model	VCF-5MLS42HD	VCN-S59LS42HD
Resolution	5MP	1080P
Image Sensor	1/2.8" SONY CMOS	
Lens	2.8-12mm	
LEDs	5Ø 28 PCS IR LED ; 5Ø 12PCS White	
IR Range	30m	
Illumination	0.1 Lux	0.01 Lux
Night Color	/	
MotoZoom	/	
IP	IP66	

Model	VCN-S5982H
Resolution	1080P
Image Sensor	1/2.8" SONY CMOS
Lens	/
LEDs	/
IR Range	/
Illumination	0.01 Lux
Night Color	/
MotoZoom	/
IP	IP66

Intelligent integrated monitoring security vision

Hybrid all Series on Sale

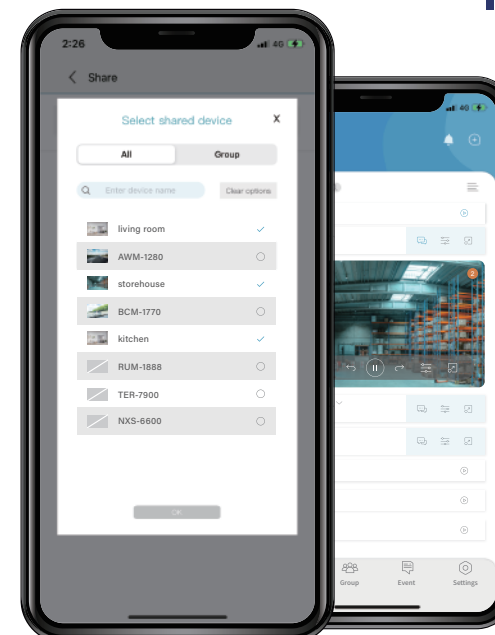
CCTV x IPcam

Hybrid Configuration for CVBS and IP Cameras Channel arbitrarily chosen.



AI Powered → Humanoid Recognition / Facial Recognition / LPR etc...
P2P Remote Access → 5MP Camera Compatible → Taiwan Made Video Recorder

Intuitive operation with APP



Group monitoring location
Share device by account
Implement hierarchical management

Easy Configuration
Operation from Mobile Phone



4ch

VDF-DKN604C

- H.265
- SATA HDDx1 (max.8TB)
- Resolution: 5MP/1080P
- 200 x 276 x 80mm
- 1kg



8ch

VDN-DKN608D

- H.265
- SATA HDDx1 (max.8TB)
- Resolution: 5MP/1080P
- 200 x 276 x 80mm
- 1kg



8ch

VDN-DKF608D

- H.265
- SATA HDDx1 (max.8TB)
- Resolution: 5MP/1080P
- 430 x 314 x 53mm
- 3kg



16ch

VDF-DKF316

- H.265
- SATA HDDx2 (max.10TB)
- Resolution: 5M/1080
- 430 x 314 x 53mm
- 2kg



16ch

VDN-DKF616D

- H.265
- SATA HDDx2 (max.8TB)
- Resolution: 5MP/1080P
- 430 x 314 x 53mm
- 3kg



16ch

VDN-DKE616D

- H.265
- SATA HDDx3 (max.8TB)
- Resolution: 5MP/1080P
- 430 x 370 x 96mm
- 4.8kg



16ch

VDF-DKZ316

- H.265
- SATA HDDx2 (max.10TB)
- Resolution: 5M/1080
- 326 x 220 x 52mm
- 2kg



Model	VCM-6902-A	VCM-6602-A
Resolution	1080P	720P
Image Sensor	HD Digital Image Sensor	
Lens	2.8-12 mm/5-50mm	
LEDs	12 PCS	
IR Range	100m	
Illumination	0.001 Lux	
IP	IP66	



Model	VCM-69LS42D-A
Resolution	1080P
Image Sensor	HD Digital Image Sensor
Lens	4mm/6mm/8mm/2.8-12mm
LEDs	40 PCS
IR Range	30m
Illumination	0.001 Lux
IP	IP66



Model	VCM-6982	VCM-6682
Resolution	1080P	720P
Image Sensor	HD Digital Image Sensor	
Lens	/	
LEDs	/	
IR Range	/	
Illumination	0.001 Lux	
IP	/	



Model	VCM-6931V-A
Resolution	1080P
Image Sensor	HD Digital Image Sensor
Lens	2.8-12mm
LEDs	8 PCS
IR Range	30m
Illumination	0.001 Lux
IP	IP66



Model	VCM-69232-A	VCM-66232-A
Resolution	1080P	720P
Image Sensor	HD Digital Image Sensor	
Lens	3.6mm	
LEDs	6 PCS	
IR Range	35m	
Illumination	0.001 Lux	
IP	IP66	



Model	VCM-6956-A
Resolution	1080P
Image Sensor	HD Digital Image Sensor
Lens	6.0mm
LEDs	91 PCS
IR Range	65m
Illumination	0.001 Lux
IP	IP66



Model	VCM-6925D-A	VCM-6625D-A
Resolution	1080P	720P
Image Sensor	HD Digital Image Sensor	
Lens	2.8mm/3.6mm	
LEDs	6 PCS	
IR Range	20m	
Illumination	0.001 Lux	
IP	IP66	

CMS

The range of applications is extremely wide. In addition to the function of integrating peripheral systems (such as access control computer host, environmental control computer host computer, etc.), it can also be used with the vehicle identification system to capture unauthorized vehicles and link the entrance fence of the IPCAM control lane.

Custom conditions

Users can customize the search criteria, including: start and end time, alarm input, video error, motion detection, intelligent analysis, etc.

Quick comparison

Cross-comparison of channels and event types shortens search time and enables users to quickly solve problems.

Event Search



Multi-split | Electronic fence | GPS tracking | Easy

Authentication mode

You can specify the login authentication mode, such as password authentication, group authentication, etc.

Permission setting

Can create IP whitelist, and set the number of people, connection time and permissions, can support account creation of more than 100 groups (inclusive)

Integrated on the same platform for management, convenient remote operation, safe and no dead ends.

Compatible with different types of CCTV equipment management up to 5,000 cameras

