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2019 CATALOG



Intelligent Video Surveillance



Video Management System



App Remote Monitoring

www.hisharp.com.tw



HI SHARP

Security intelligence

HI SHARP is committed to build an intelligent surveillance city!

HI SHARP is an experienced total solution provider in the past 32 years. We're ranked as top 50 of global CCTV manufacturer over 6 years and we're expanding our team to help our clients to build smart cities all over the world.

We will continuously producing CCTV – integrated systems and service, to match our customer's satisfaction and needs across global markets.

HI SHARP's management philosophy is to maintain confidence, devout, patience and perseverance which absorbed in the R&D, product technique and marketing got produce high quality products to meet the wide variety of customer needs and offer technical support immediately to sustain our business partners.



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Quality & Service Guarantee



Strict Production Process

Product design verification and product quality control team ensure our product quality and strictly follow Standard Operation Procedure to provide reliable product with guarantee.



Our vibrant production team adopts strict IATF16949, ISO 9001, ISO 14001 certified production process to make all products meet the certification standard. We use modern manufacturing equipments for production. Our office and factory are in the same location which ensures the information flow of each team faster and more dynamic. Therefore, we can have flexible production schedule to meet diversity of product needs and achieve high customer satisfaction.



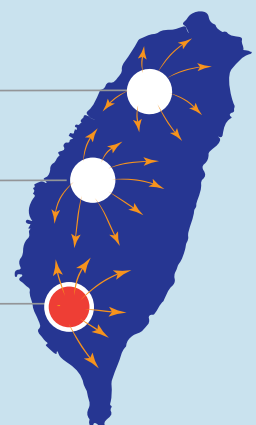
Domestic Service Branches

To provide the fastest customer service, HI SHARP is pressing ahead with the depth ploughs Taiwan strategy, and plans to establish 3 branches in North, Middle, and South districts in Taiwan. So far, HI SHARP established Taoyuan as headquarter over than 30 years and Taichung branch in 2018.

Taoyuan Head Office

Taichung Branch

Kaohsiung Branch
(Est 2020)



Multi-application Solutions

Mansion / Store

Recommended series : HD Analog CQ / B7 own brand series

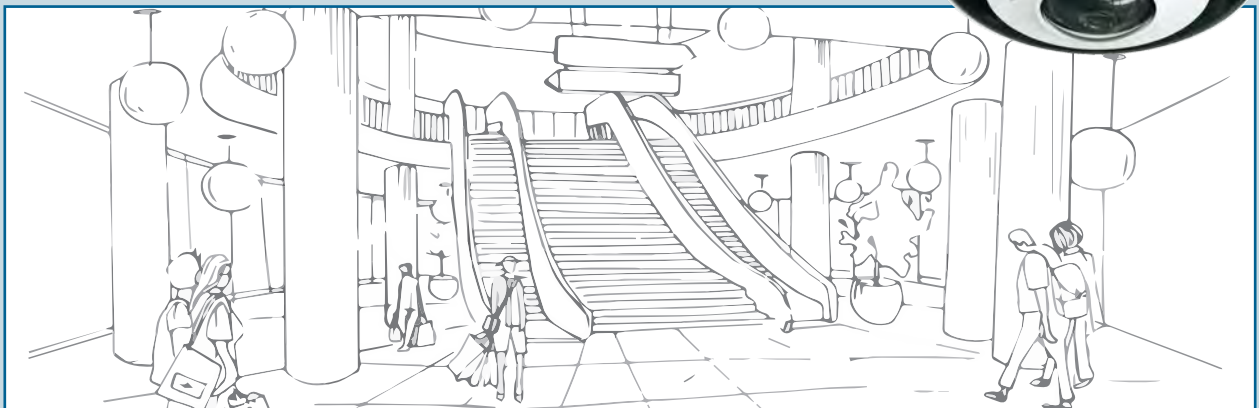
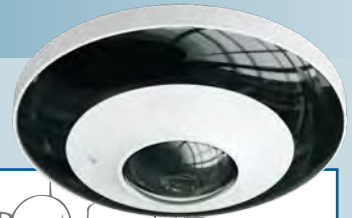
Recommended Products : HS-4IN1-T049CQ / HS-6IN1-T068B7 / HS-6IN1-D060B7



Large shopping mall / Shopping center

Recommended series : IP 5MP / 8MP / 360° series

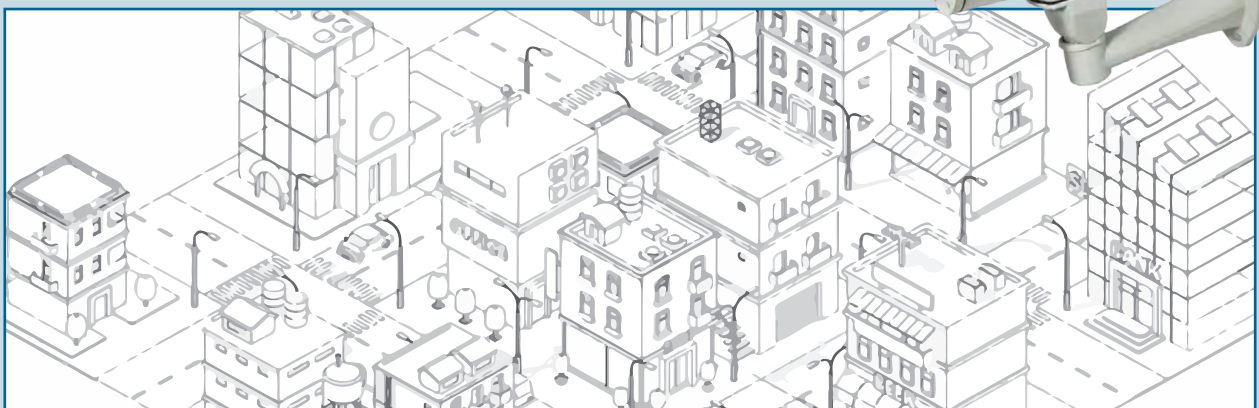
Recommended Products : HS-D040RB / HS-D063RW



Street / Parking lot

Recommended series : PTZ Speed Dome / True WDR series

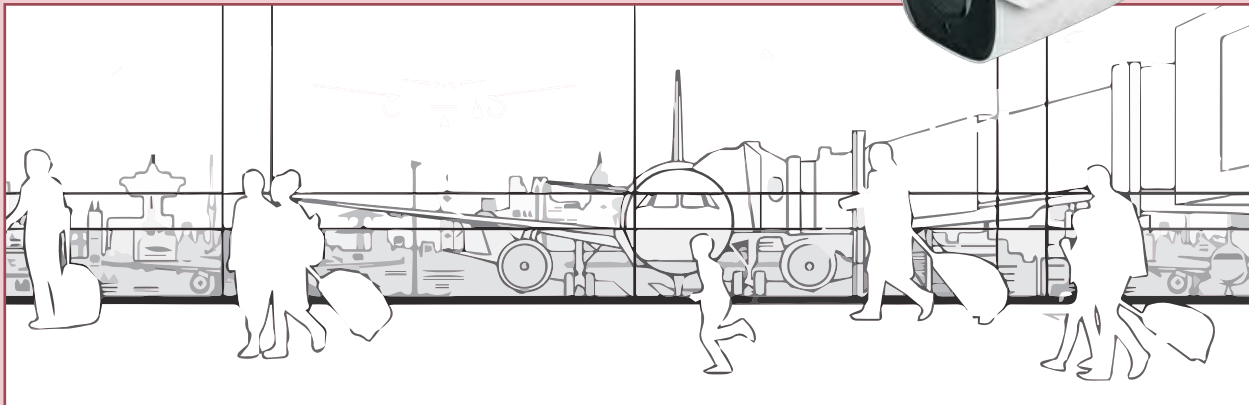
Recommended Products : HS-D046RX / HS-AHD-H009CH



Public Transportation · Airport / High Speed Railway / MRT

Recommended series : IP Face Recognition series (with FR NVR)

Recommended Products : HS-D087SG / HS-T077SG



Medical institutions / schools

Recommended series : Edge IP Face Recognition series

Recommended Products : HS-T077SK / HS-D087SK



Banking institution

Recommended series : IP Human Shape Detection series (with FR NVR)

Recommended Products : HS-T058SG / HS-D088SG

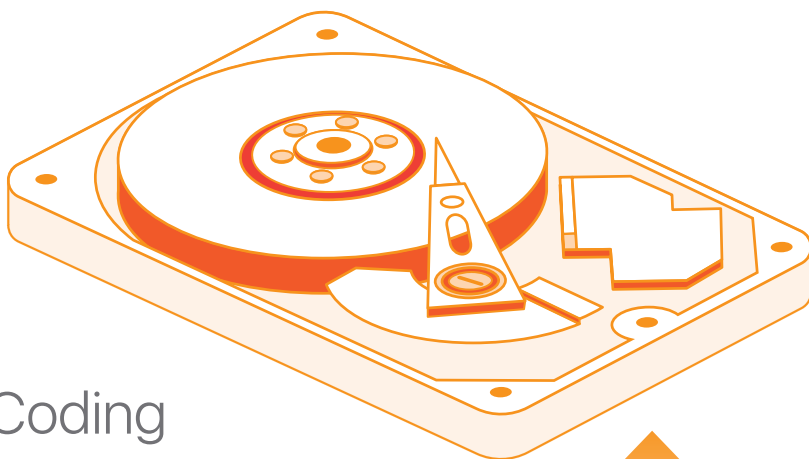


IP SOLUTION

NETWORK SURVEILLANCE

Full Support
H.265⁺

High Efficiency Video Coding
Delicate Image Performance

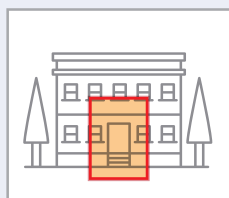


Save up storage to

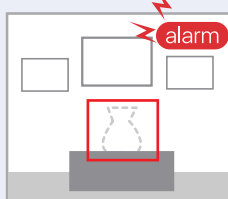
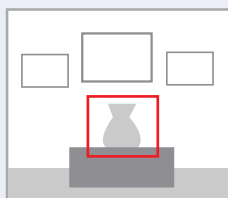
50%

IVS INTELLIGENT VIDEO SURVEILLANCE

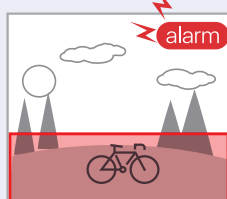
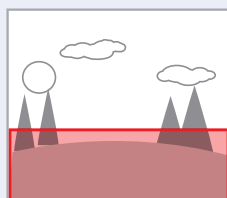
Tripwire



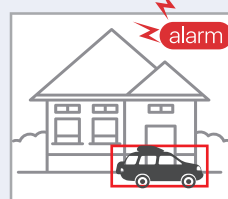
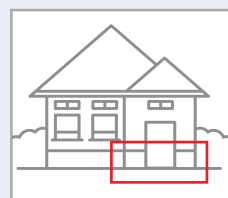
Object Removal



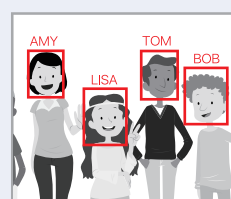
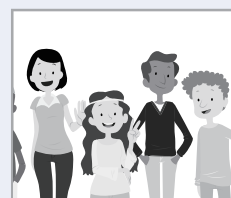
Abandon Object



Intrusion



Face Recognition



4K 8MP 3840 x 2160 Intelligent Video Surveillance

2MP
1920 x 1080



8MP
3840 x 2160



4K IVA IP Camera image quality is clean and delicate covers a great angle of view, and the details are clear and distinct

Applications for scenes with higher requirements for detailed image such as commercial building, government, school, airport, factory, hotel, museum, public transportation and so on.

IPC+NVR

Effectively Reduce False Alarm Rate

	Smart IPC	NVR Alarm	Alarm Trigger
	Trigger	+	Trigger = Trigger
	Trigger	+	No Trigger = No Trigger
	No Trigger	+	Trigger = No Trigger

Different IVS features allow you to send different alarm triggered events based on different scenario application. Such as: School, Residential, Hospital, Police Station, etc.

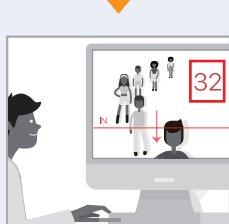
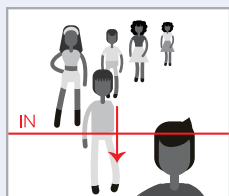
IVS features that we support including:

1. Tripwire / Line crossing
2. Intrusion
3. People Intrusion
4. Tempering / Exception Detection
5. Crowd Density
6. People Counting
7. Missing Object / Object Removal
8. Face Recognition

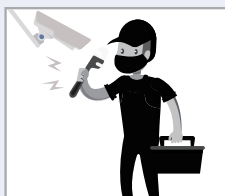
Line Crossing



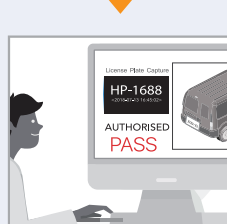
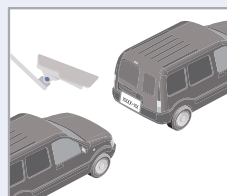
People Counting Analysis



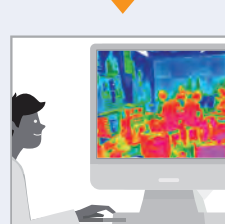
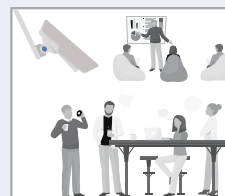
Tampering Detection



Licence plate Recognition (to be released in 2020)



Crowd Density



IP Solution



H.265+

Integrated Management System

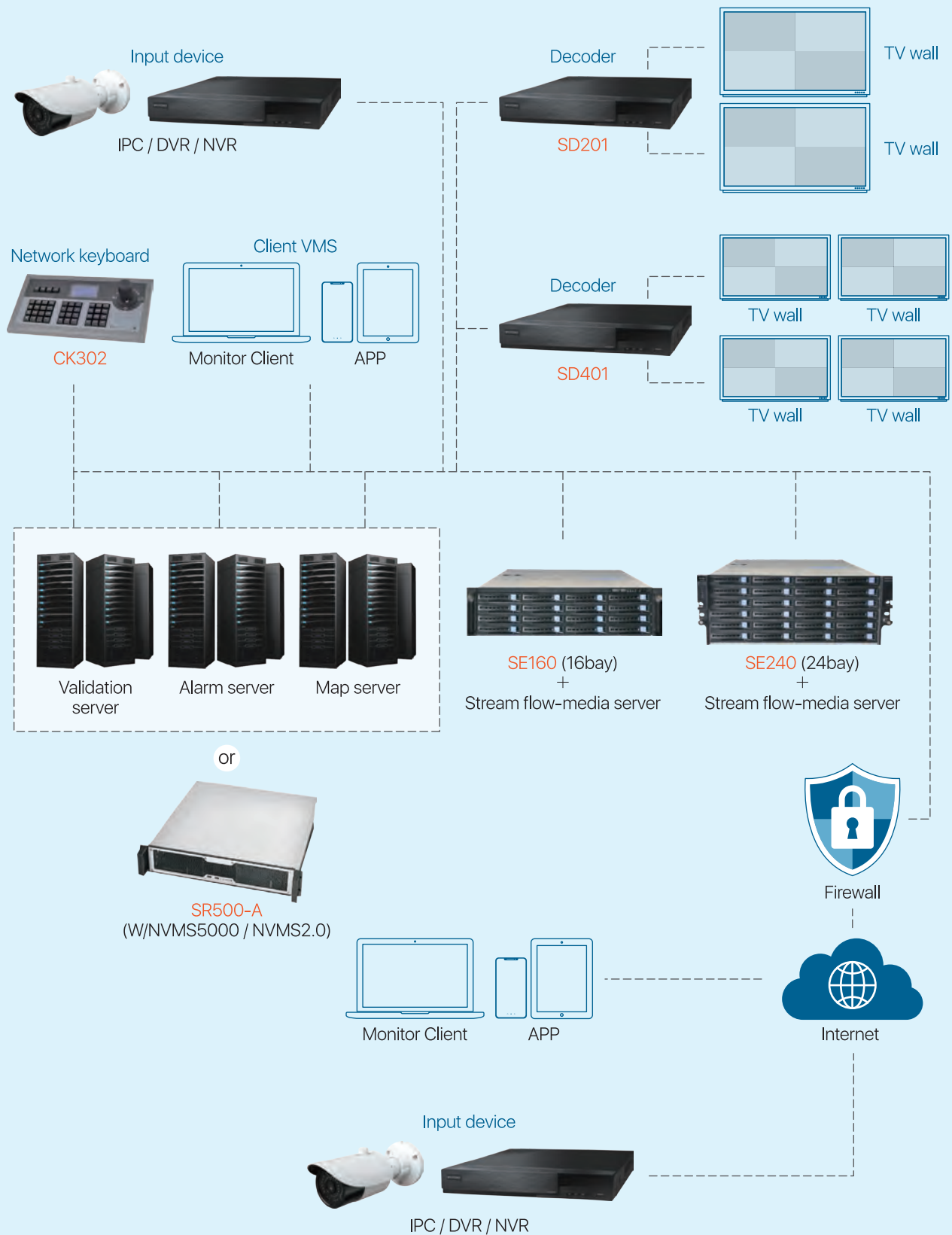
Remote Control, Push Notification, Alarm Setting

- Office
- Residence
- Entrance & Exit
- School
- Parking lot
- Hospital
- Store...etc.

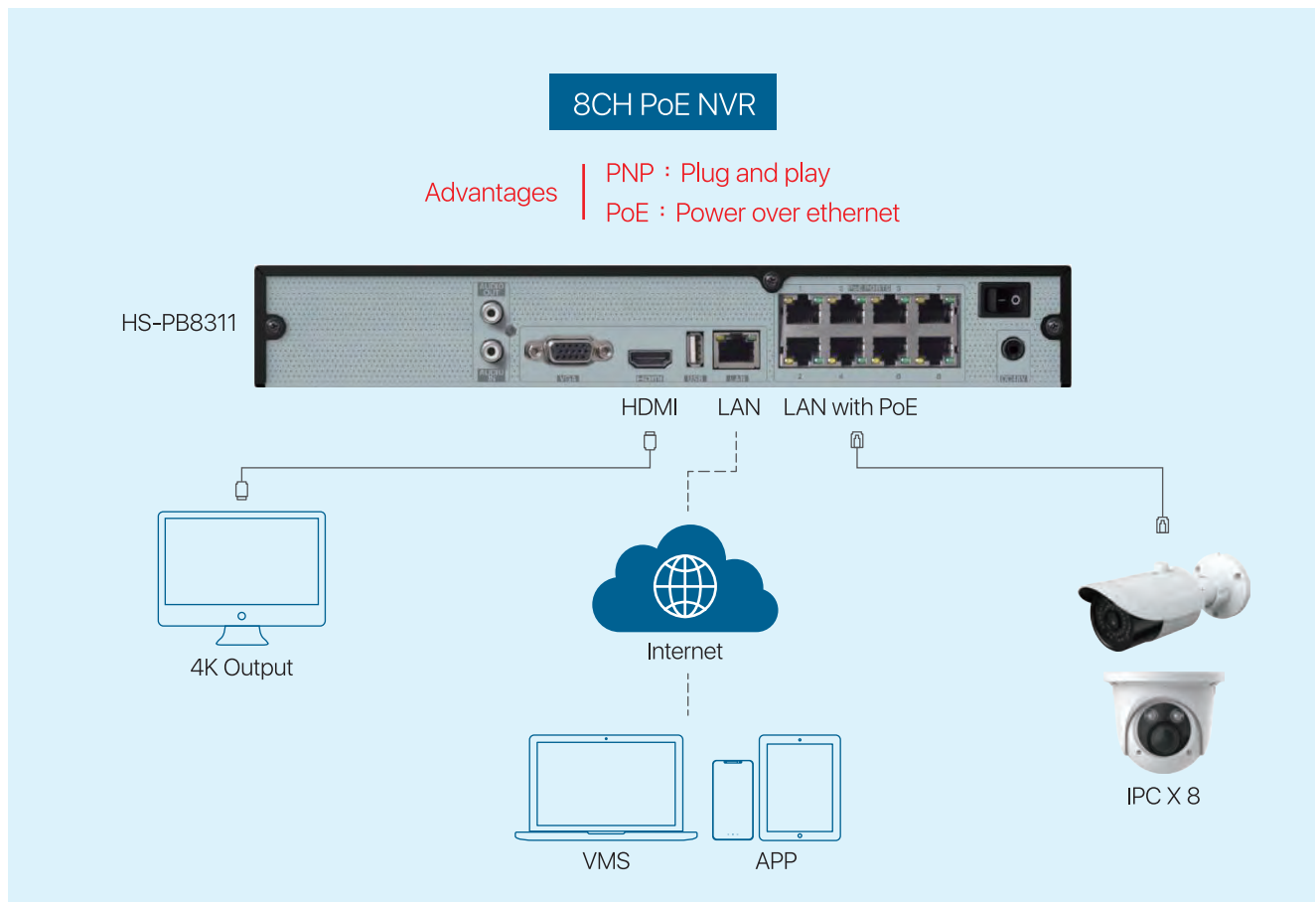


NVMS5000 / NVMS2.0 Enterprise Topology

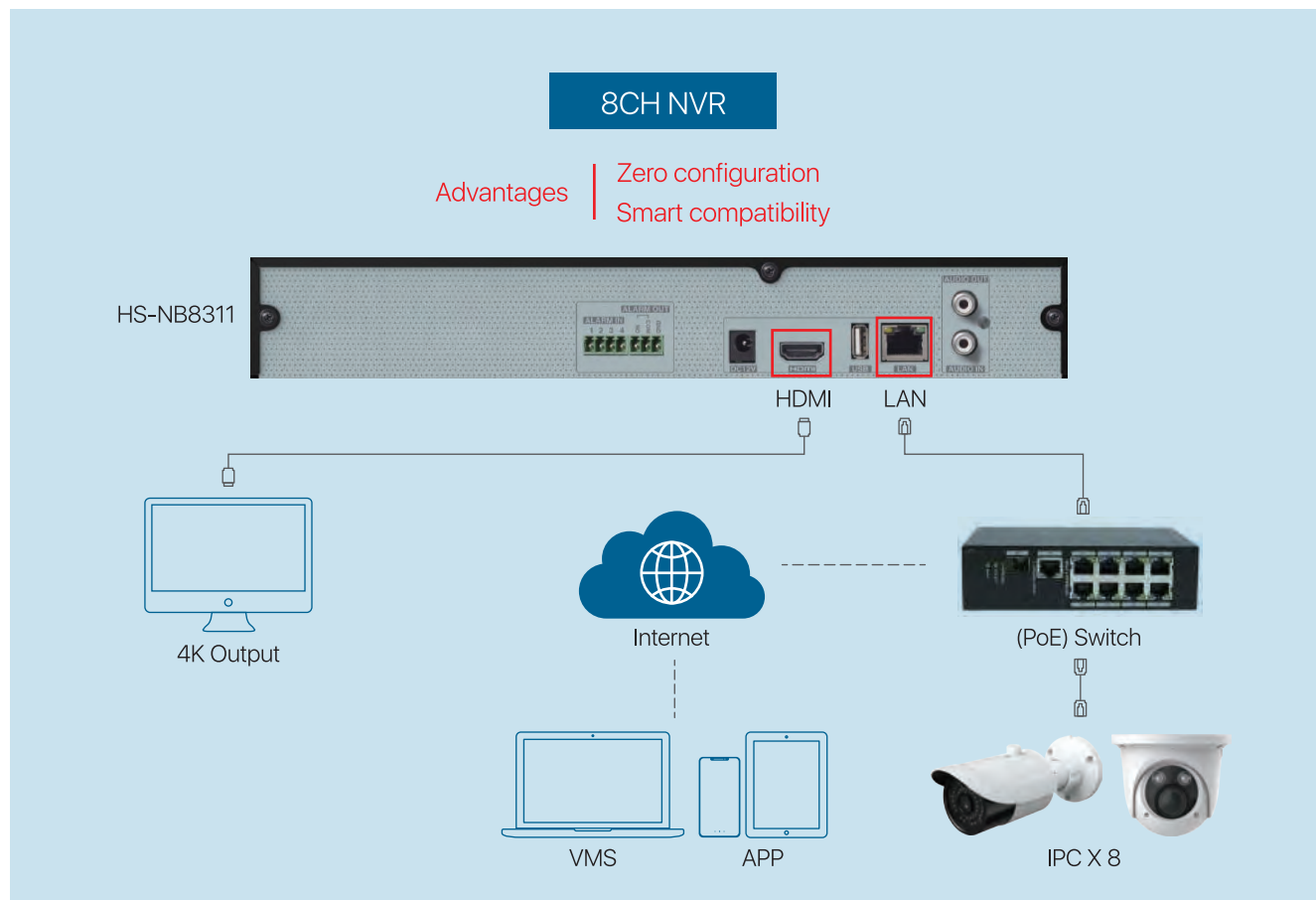
- * SR500 support multiple servers based on users application demand.
- * NVMS5000 / NVMS2.0 can support discrete server structure which enables software installation on different servers.
- * Storage extension using RAID Servers ; 16bay or 24bay.



PoE Topology



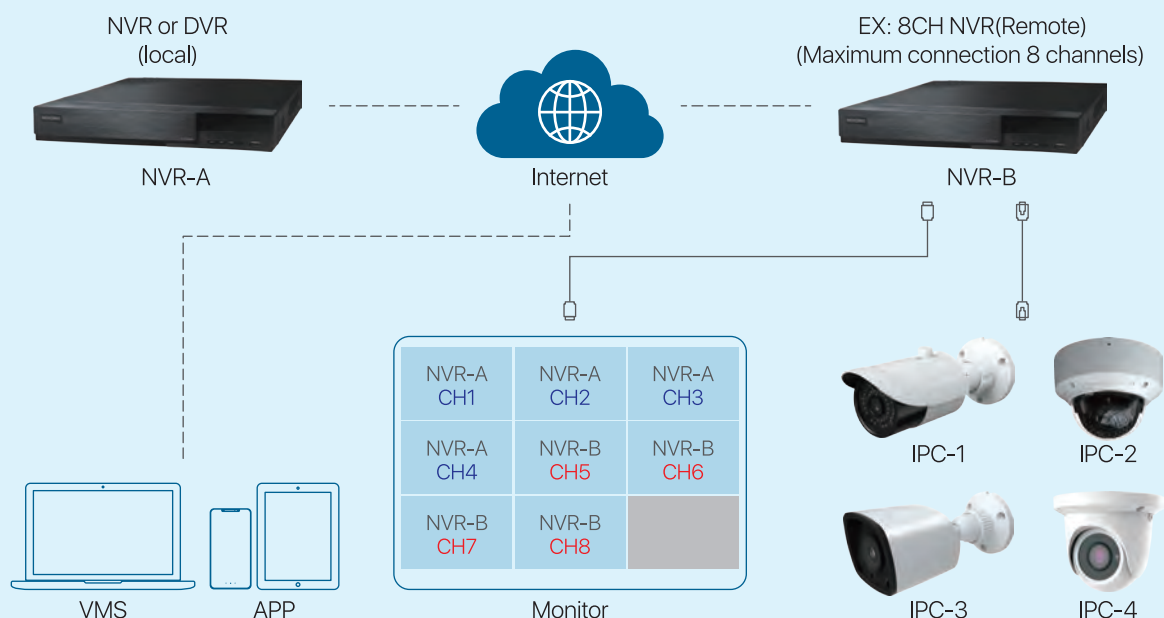
Non-PoE Topology



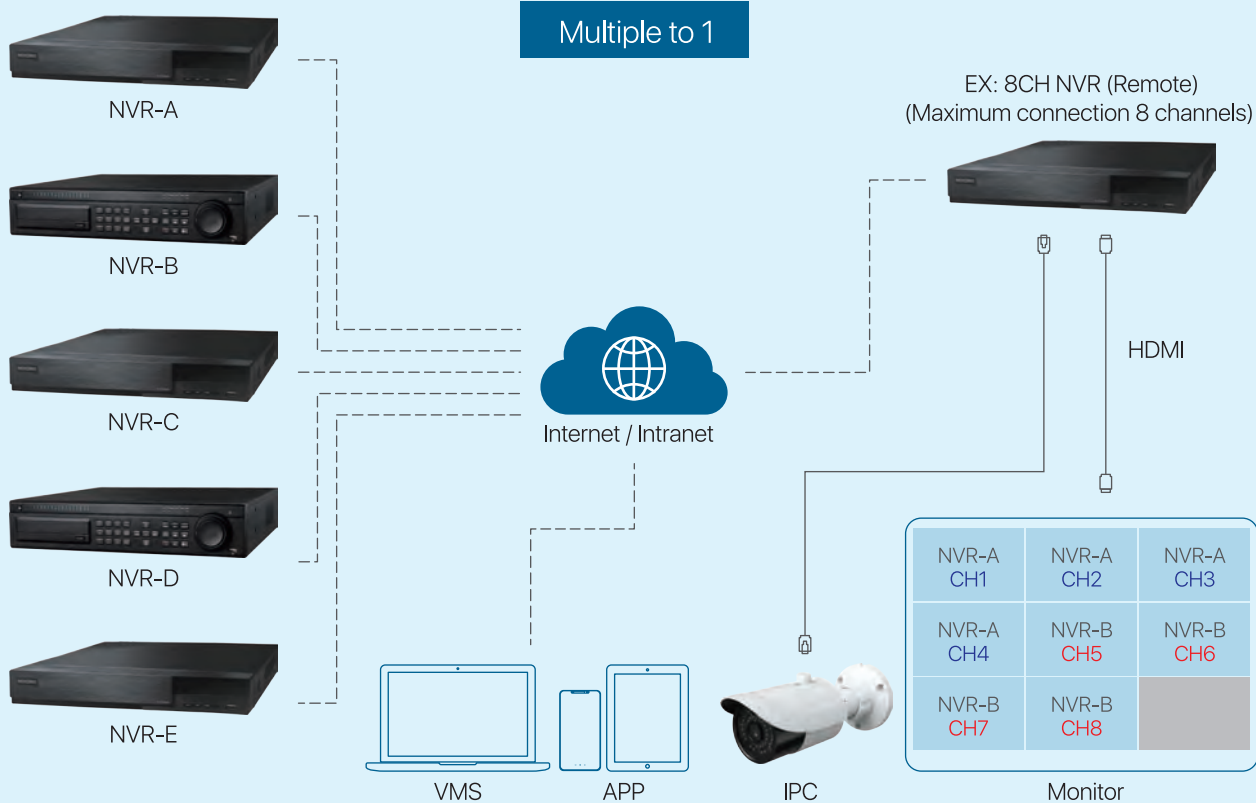
Remote Back Up Topology

1 to 1

Advantages | Equivalent RAID1 data protection mode (Given network speed environment)
Backup equipment in different locations is available



Multiple to 1



Face Recognition Introduction

5MP Camera + H.265 NVR

Face Recognition is the integration of Artificial Intelligence (AI), machine identification is machine and deep learning algorithms to compare with a live capture or digital image and store faceprint in order to verify an individual's identity.

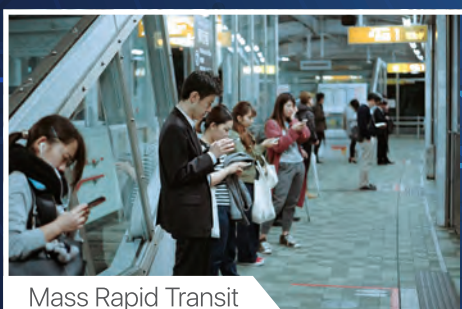
Features

- Same screen capture up to 10 faces (Automatically)
- White / block name list classification
- Alarm / Access Control / Push Notification
- Real-time motion capture support
- Facial data input via mobile, NVR and USB
- Facial comparison database management
- Support multi channel face recognition
- Quick facial searching function
- Variety back-end system support (NVR / Software platform / Third party platform)
- Flexible application fields (Customer behavior integration / Access Control / Attendance record)

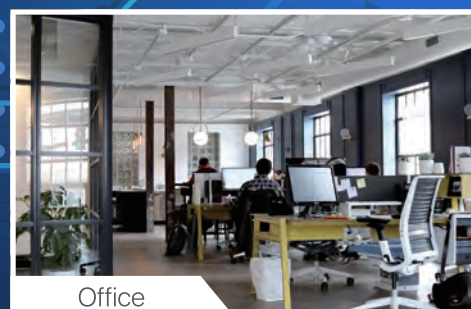
Application fields



Residential



Mass Rapid Transit



Office



City、Traffic




Mall



Exhibition center

Face Detection IP Camera Series

Product Series	5MP Face detection Camera Basic Series			
	Tube	Tube	Box	Dome
Picture				
Model	HS-T036SE	HS-T039SE	HS-X009SE	HS-D040SE
SDXC-128GB	YES	-	YES	YES
IVS	YES	YES	YES	YES
STARVIS	-	-	-	-
H.265 / H.264 / MJPEG	YES	YES	YES	YES
Horizontal View Angle(H)	93.9° ~ 34.8°	79°	-	93.9° ~ 34.8°
Lens (mm)	EVF 3.3 ~ 12	Board 3.6	C / CS Mount	EVF 3.3 ~ 12
IR Distance	50M	30M	-	30M
Alarm Input	YES	-	YES (Rear)	YES
Alarm Output	YES	-	YES (Rear)	YES
Audio Line In	YES	YES	YES (Rear)	YES
Audio Line Out	YES	-	YES (Rear)	YES
MIC build-in	-	-	-	-
CVBS Output	YES	YES	YES (Rear)	YES
Sensor Actual Size	1/2.5" CMOS			
Min. Illumination	0.03 Lux @F1.2			
Sensor Active Size	2592(H) x 1944(V)			
Bitrate Range	128Kbps ~ 10Mbps			
Stream Size-5MP (2592x1944)	S1	S1	S1	S1
Stream Size-54MP (2592x1520)	S1	S1	S1	S1
Stream Size-2K (2560x1440)	S1	S1	S1	S1
Stream Size-3MP (2304x1296)	S1	S1	S1	S1
Stream Size-1080P (1920x1080)	S1	S1	S1	S1
Stream Size-720P (1280x720)	S1 / S2	S1 / S2	S1 / S2	S1 / S2
Stream Size-D1 (704x480)	S2 / S3	S2 / S3	S2 / S3	S2 / S3
Stream Size-(640x480)	-	-	-	-
Stream Size-(480x240)	S3	S3	S3	S3
Stream Size-CIF (352x240)	S2 / S3	S2 / S3	S2 / S3	S2 / S3
Power Consumption	< 9W	< 8W	< 4W	< 9.5W
Weight	1110g	602g	362g	1038g
Ingress Protection	IP68	IP66	-	IP68 / IK10
Dimensions (mm)	Φ109 × 284	Φ87 × 219	70 × 145 × 61	Φ150 × 114
Power Source	DC 12V / PoE	DC 12V / PoE	DC 12V / PoE	DC 12V / PoE

Tip 1: To make best performance, installation of angle and lighting condition should be concerned.

Tip 2: Facial recognition function of IP camera should be worked with specific NVR.

5MP




IVS Features: Missing Object / Object Removal, Line Crossing / Tripwire, Intrusion, People Intrusion, People Counting, Crowd Density, Tampering / Exception Detection, Face detection.

5MP Face detection Camera Basic Series				Product Series
Dome	Tube	Dome	Mini Dome	
				Picture
HS-D041SE	HS-T077SE	HS-D070SE	HS-D058SE	Model
-	YES	YES	YES	SDXC-128GB
YES	YES	YES	YES	IVS
-	-	-	-	STARVIS
YES	YES	YES	YES	H.265 / H.264 / MJPEG
79°	93.9° ~ 34.8°	93.9° ~ 34.8°	101°	Horizontal View Angle(H)
Board 3.6	EVF 3.3 ~ 12	EVF 3.3 ~ 12	Board 2.8	Lens (mm)
20M	70M	50M	10M	IR Distance
-	YES	YES	-	Alarm Input
-	YES	YES	-	Alarm Output
YES	YES	YES	YES	Audio Line In
-	YES	YES	YES	Audio Line Out
-	-	YES	YES	MIC build-in
YES	YES	YES	YES	CVBS Output
1/2.5" CMOS				Sensor Actual Size
0.03 Lux @F1.2	0.036 Lux @F2.0			Min. Illumination
2592(H) x 1944(V)				Sensor Active Size
128Kbps ~ 10Mbps				Bitrate Range
S1	S1	S1	S1	Stream Size-5MP (2592x1944)
S1	S1	S1	S1	Stream Size-54MP (2592x1520)
S1	S1	S1	S1	Stream Size-2K (2560x1440)
S1	S1	S1	S1	Stream Size-3MP (2304x1296)
S1	S1	S1	S1	Stream Size-1080P (1920x1080)
S1 / S2	S1 / S2	S1 / S2	S1 / S2	Stream Size-720P (1280x720)
S2 / S3	S2 / S3	S2 / S3	S2 / S3	Stream Size-D1 (704x480)
-	S1 / S2	S1 / S2	-	Stream Size-(640x480)
S3	S3	S3	S3	Stream Size-(480x240)
S2 / S3	S2 / S3	S2 / S3	S2 / S3	Stream Size-CIF (352x240)
< 6W	< 13W	< 9.5W	< 5W	Power Consumption
580g	1040g	670g	350g	Weight
IP66 / IK10	IP67	IP67	IP66 / IK10	Ingress Protection
Φ117 × 90	280 x 100 × 89	Φ112 × 100	Φ110 × 58	Dimensions (mm)
DC 12V / PoE	DC 12V / PoE	DC 12V / PoE	DC 12V / PoE	Power Source

* S1: Main Stream / S2: The second Stream / S3: The third Stream

* Specifications subject will change without notice.

Face Detection IP Camera Series

Product Series	2MP Face detection Advanced Series		
	Dome	Dome	Tube
Picture			
Model	HS-D087SG	HS-D088SG	HS-T058SG
SDXC-128GB	YES	YES	YES
IVS	YES	YES	YES
STARVIS	YES	YES	YES
H.265 / H.264 / MJPEG	YES	YES	YES
Horizontal View Angle(H)	103° ~ 32°	108°	108°
Lens (mm)	EVF 2.8 ~ 12	Board 2.8	Board 2.8
IR Distance	50M	30M	30M
Alarm Input	YES	YES	-
Alarm Output	YES	YES	-
Audio Line In	YES	YES	YES
Audio Line Out	YES	-	-
MIC build-in	YES	YES	-
CVBS Output	YES	YES	-
Sensor Actual Size	1/2.8" CMOS		
Min. Illumination	0.005 Lux @F1.6		
Sensor Active Size	1920(H) × 1080(V)		
Bitrate Range	64Kbps ~ 6Mbps		
Stream Size-5MP (2592x1944)	-	-	-
Stream Size-54MP (2592x1520)	-	-	-
Stream Size-2K (2560x1440)	-	-	-
Stream Size-3MP (2304x1296)	-	-	-
Stream Size-1080P (1920x1080)	S1	S1	S1
Stream Size-720P (1280x720)	S1 / S2	S1 / S2	S1 / S2
Stream Size-D1 (704x480)	S2 / S3	S2 / S3	S2 / S3
Stream Size-(640x480)	-	-	-
Stream Size-(480x240)	S3	S3	S3
Stream Size-CIF (352x240)	S2 / S3	S2 / S3	S2 / S3
Power Consumption	< 10.5W	< 7.5W	< 9.5W
Weight	890g	650g	670g
Ingress Protection	IP67 / IK10	IP67 / IK10	IP67
Dimensions (mm)	Φ141 × 100	Φ119 × 88	218 × 81 x81
Power Source	DC 12V / PoE	DC 12V / PoE	DC 12V / PoE

Tip 1: To make best performance, installation of angle and lighting condition should be concerned.

Tip 2: Facial recognition function of IP camera should be worked with specific NVR.

2MP

IVS Features: Missing Object / Object Removal, Line Crossing / Tripwire, Intrusion, People Intrusion, People Counting, Crowd Density, Tampering / Exception Detection, Face detection.

2MP Edge Recognition Series			Product Series
Tube	Tube	Dome	
	 		Picture
	to be released in 2020		
HS-T077SG	HS-T077SK	HS-D087SK	Model
YES	YES	YES	SDXC-128GB
YES	YES	YES	IVS
YES	YES	YES	STARVIS
YES	YES	YES	H.265 / H.264 / MJPEG
103° ~ 32°	44° ~ 17.6°	44° ~ 17.6°	Horizontal View Angle(H)
EVF 2.8 ~ 12	EVF 7 ~ 22	EVF 7 ~ 22	Lens (mm)
50M	-	-	IR Distance
YES	YES	YES	Alarm Input
YES	YES	YES	Alarm Output
YES	YES	YES	Audio Line In
YES	YES	YES	Audio Line Out
-	-	YES	MIC build-in
YES	-	YES	CVBS Output
1/2.8" CMOS	1/2.8" CMOS		Sensor Actual Size
0.005 Lux @F1.6	0.005 Lux @F1.6		Min. Illumination
1920(H) × 1080(V)	1920(H) × 1080(V)		Sensor Active Size
64Kbps ~ 6Mbps	64Kbps ~ 6Mbps		Bitrate Range
-	-	-	Stream Size-5MP (2592x1944)
-	-	-	Stream Size-54MP (2592x1520)
-	-	-	Stream Size-2K (2560x1440)
-	-	-	Stream Size-3MP (2304x1296)
S1	S1	S1	Stream Size-1080P (1920x1080)
S1 / S2	S1 / S2	S1 / S2	Stream Size-720P (1280x720)
S2 / S3	S2 / S3	S2 / S3	Stream Size-D1 (704x480)
-	-	-	Stream Size-(640x480)
S3	S3	S3	Stream Size-(480x240)
S2 / S3	S2 / S3	S2 / S3	Stream Size-CIF (352x240)
< 12W	< 12W	< 10.5W	Power Consumption
1040g	1040g	890g	Weight
IP67	IP67	IP67 / IK10	Ingress Protection
280 × 100 × 89	280 × 100 × 89	Φ141 × 100	Dimensions (mm)
DC 12V / PoE	DC 12V / PoE	DC 12V / PoE	Power Source

* S1: Main Stream / S2: The second Stream / S3: The third Stream

* Specifications subject will change without notice.



2MP 1080P IP Camera Series

Product Series	H.264 Hot Sale Series		H.265 Basic Series		Tube
	Tube	Dome	Tube	Dome	
Picture					
Model	HS-T051RR	HS-D043QR	HS-T051SC	HS-D043SC	HS-T057RU
SDXC-128GB	-	-	-	-	YES
IVS	-	-	YES	YES	YES
STARVIS	-	-	-	-	YES
H.265	-	-	YES	YES	YES
H.264 / MJPEG	YES	YES	YES	YES	YES
Horizontal View Angle (H)	107° / 85.8	105° / 79	102°	102°	99.7°
Lens (mm)	Board 2.8 / 3.6	Board 2.8 / 3.6	Board 2.8	Board 2.8	Board 2.8
IR Distance	20 M	20 M	20 M	20 M	30 M
Alarm Input	-	-	-	-	-
Alarm Output	-	-	-	-	-
Audio Line In	-	-	-	-	-
Audio Line Out	-	-	-	-	-
MIC Build-in	-	-	-	-	-
CVBS Output	-	-	-	-	-
Sensor Actual Size	1/2.7" CMOS	1/2.8" CMOS	1/2.7" CMOS		1/2.8" CMOS
Min. Illumination	0.05 Lux @F1.2	0.1 Lux @F1.2	0.007 Lux @F1.2		0.005 Lux @F1.6
Sensor Active Size	1920(H) × 1080(V)		1920(H) × 1080(V)		1920(H) × 1080(V)
Bitrate Range	256Kbps ~ 5Mbps	256Kbps ~ 5Mbps	256Kbps ~ 5Mbps		128Kbps ~ 4Mbps
Stream Size-5MP (2592x1944)	-	-	-	-	-
Stream Size-4MP (2592x1520)	-	-	-	-	-
Stream Size-2K (2560x1440)	-	-	-	-	-
Stream Size-3MP (2304x1296)	-	-	-	-	-
Stream Size-1080P (1920x1080)	S1	S1	S1	S1	S1
Stream Size-720P (1280x720)	S1	S1	S1	S1	S1
Stream Size-D1 (704x480)	S2 / S3	S2 / S3	S2	S2	S2
Stream Size-(640x480)	S1 / S2	S1 / S2	-	-	-
Stream Size-(480x240)	S3	S3	S2	S2	S2
Stream Size-CIF (352x240)	S2 / S3	S2 / S3	S3	S2	S2
Power Consumption	< 4.5 W	< 4 W	< 5.5W	< 4 W	< 6W
Weight	350g	369g	358g	369g	390g
Ingress Protection	IP66	IP66	IP66	IP66	IP67
Dimension (mm)	Φ70 × 156	Φ91 × 108	Φ70 × 156	Φ91 × 108	Φ74.5 × 167.5
Power Source	DC12V / PoE	DC12V / PoE	DC12V / PoE	DC12V / PoE	DC12V / PoE


* S1: Main Stream / S2: The second Stream / S3: The third Stream

* Specifications subject will change without notice.

* IVS Features: Missing Object / Object Removal, Line Crossing / Tripwire, Intrusion, People Intrusion, People Counting, Crowd Density, Tampering / Exception Detection.

H.265 Starvis Series			H.265 Advanced Series		Product Series
Tube	Dome	Dome	Dome	Tube	
					Picture
HS-T058SH-H	HS-D088SH	HS-D070SH	HS-D071SQ	HS-T057SQ-D	Model
YES	YES	YES	YES	YES	SDXC-128GB
-	-	-	YES	YES	IVS
YES	YES	YES	-	-	STARVIS
YES	YES	YES	YES	YES	H.265
YES	YES	YES	YES	YES	H.264 / MJPEG
95.4° ~ 35.5°	99.7° / 92.4°	95.4° ~ 35.5°	107°	107°	Horizontal View Angle (H)
VF 2.8 ~ 12mm	Board 2.8 / 3.6	EVF 2.8 ~ 12	Board 2.8	Board 2.8	Lens (mm)
50 M	30 M	50 M	30 M	30 M	IR Distance
-	-	-	-	-	Alarm Input
-	-	-	-	-	Alarm Output
-	-	-	-	YES	Audio Line In
-	-	-	-	-	Audio Line Out
-	-	-	YES	-	MIC Build-in
-	-	-	-	-	CVBS Output
1/2.7" CMOS	1/2.8" CMOS	1/2.8"	1/2.9" CMOS		Sensor Actual Size
0.005 Lux @F1.6			0.0035 Lux @F1.2		Min. Illumination
1920(H) × 1080(V)			1920(H) × 1080(V)		Sensor Active Size
128Kbps ~ 4Mbps			64Kbps ~ 5Mbps		Bitrate Range
-	-	-	-	-	Stream Size-5MP (2592x1944)
-	-	-	-	-	Stream Size-4MP (2592x1520)
-	-	-	-	-	Stream Size-2K (2560x1440)
-	-	-	-	-	Stream Size-3MP (2304x1296)
S1	S1	S1	S1	S1	Stream Size-1080P (1920x1080)
S1	S1	S1	S1	S1	Stream Size-720P (1280x720)
S2	S2	S2	S2	S2	Stream Size-D1 (704x480)
-	-	-	-	-	Stream Size-(640x480)
S2	S2	S2	S2	S2	Stream Size-(480x240)
S2	S2	S2	S2	S2	Stream Size-CIF (352x240)
< 5W	< 6W	< 9.5W	< 5.5W	< 5W	Power Consumption
640g	630g	660g	450g	390g	Weight
IP66	IP67 / IK10	IP67	IP67	IP67	Ingress Protection
Φ81 × 218	Φ112 × 100	Φ87 × 219	Φ117 × 90	74.5 × 168	Dimension (mm)
DC12V / PoE	DC12V / PoE	DC12V / PoE	DC12V / PoE	DC12V / PoE	Power Source



4MP / 5MP / 8MP IP Camera Series

Product Series	4MP Taiwan Chipset			5MP Taiwan Chipset		
	Tube	Tube	Dome	Tube	Tube	Tube
Picture	 to be released in 2020			 to be released in 2020		
Model	HS-T057SM	HS-T058SM	HS-D070SM	HS-T057SJ	HS-T058SJ	HS-T058SJ-A
SDXC-128GB	-	-	-	-	-	-
IVS	YES	YES	YES	YES	YES	YES
STARVIS	-	-	-	-	-	-
H.265 / H.264 / MJPEG	YES	YES	YES	YES	YES	YES
Horizontal View Angle (H)	110° / 89°	94° ~ 35.7°	94° ~ 35.7°	93.4°	90.5° ~ 32.9°	90.5° ~ 32.9°
Lens (mm)	Board 2.8 / 3.6	EVF 2.8 ~ 12	EVF 2.8 ~ 12	Board 2.8 / 3.6	VF 2.8 ~ 12	EVF 2.8 ~ 12
IR Distance	30M	50M	50M	30M	50M	50M
Alarm Input	-	-	-	-	-	-
Alarm Output	-	-	-	-	-	-
Audio Line Input	-	-	-	-	-	-
Audio Line Output	-	-	-	-	-	-
MIC Build-in	-	-	YES	-	-	-
CVBS Output	-	-	-	-	-	-
Sensor Actual Size	1/2.7" CMOS			1/2.7" CMOS		
Min. Illumination	0.04 Lux @F2.26			0.0236 Lux @F2.0		
Sensor Active Size	2560(H) x 1440(V)			2592(H) x 1944(V)		
Bitrate Range	64Kbps ~ 5Mbps			64Kbps ~ 5Mbps		
Stream Size-8MP (3840x2160)	-	-	-	-	-	-
Stream Size-5MP (2592x1944)	-	-	-	S1	S1	S1
Stream Size-4MP (2592x1520)	S1	S1	S1	S1	S1	S1
Stream Size-2K (2560x1440)	-	-	-	S1	S1	S1
Stream Size-3MP (2304x1296)	S1	S1	S1	S1	S1	S1
Stream Size-1080P (1920x1080)	S1	S1	S1	S1	S1	S1
Stream Size-720P (1280x720)	S2	S2	S2	S1 / S2	S1 / S2	S1 / S2
Stream Size-D1 (704x480)	S2 / S3	S2 / S3	S2 / S3	S2 / S3	S2 / S3	S2 / S3
Stream Size-(640x480)	-	-	-	-	-	-
Stream Size-(480x240)	S3	S3	S3	S3	S3	S3
Stream Size-CIF (352 x 240)	S2 / S3	S2 / S3	S2 / S3	S2 / S3	S2 / S3	S2 / S3
Power Consumption	< 5W	< 9W	< 9W	< 5W	< 8W	< 9W
Weight	380g	650g	640g	390g	670g	650g
Ingress Protection	IP67	IP67	IP67	IP67	IP67	IP67
Dimention (mm)	75 × 75 × 168	81×81×218	Φ112 × 100	Φ75 × 168	Φ218 × 81 × 81	Φ218 × 81 × 81
Power Source	DC 12V / PoE	DC 12V / PoE	DC 12V / PoE	DC 12V / PoE	DC 12V / PoE	DC 12V / PoE






* S1: Main Stream / S2: The second Stream / S3: The third Stream

* Specifications subject will change without notice.

*IVS Features: Missing Object / Object Removal, Line Crossing / Tripwire, Intrusion, People Intrusion, People Counting, Crowd Density, Tampering / Exception Detection.

5MP Taiwan Chipset		8MP				Product Series
Dome	Dome	Tube	Dome	Tube	Dome	
						Picture
HS-D070SJ	HS-D071SJ	HS-T039RA	HS-D041RA	HS-T036RA	HS-D040RB	
-	-	-	YES	YES	YES	SDXC-128GB
YES	YES	YES	YES	YES	YES	IVS
-	-	-	-	YES	YES	STARVIS
YES	YES	YES	YES	YES	YES	H.265 / H.264 / MJPEG
90.5° ~ 32.9°	93.4°	87.7°	87.7°	97.5° ~ 38.5°	97.5° ~ 38.5°	Horizontal View Angle (H)
EVF 2.8 ~ 12	Board 2.8 / 3.6	Board 2.8 / 3.6	Board 2.8 / 3.6	EVF 3.3 ~ 12	EVF 3.3 ~ 12	Lens (mm)
50M	30M	30M	20M	50M	30M	IR Distance
-	-	-	-	YES	YES	Alarm Input
-	-	-	-	YES	YES	Alarm Output
-	-	YES	YES	YES	YES	Audio Line Input
-	-	-	-	YES	YES	Audio Line Output
YES	YES	-	-	-	-	MIC Build-in
-	-	YES	YES	YES	YES	CVBS Output
1/2.7" CMOS		1/2.5" CMOS				Sensor Actual Size
0.0236 Lux @F2.0		0.068 Lux @F2.0		0.01 Lux @F1.2		Min. Illumination
2592(H) x 1944(V)		3840(H) x 2160(V)				Sensor Active Size
64Kbps ~ 5Mbps		128Kbps ~ 12Mbps		128Kbps ~ 16Mbps		Bitrate Range
-	-	S1	S1	S1	S1	Stream Size-8MP (3840x2160)
S1	S1	-	-	-	-	Stream Size-5MP (2592x1944)
S1	S1	-	-	-	-	Stream Size-4MP (2592x1520)
S1	S1	S1	S1	S1	S1	Stream Size-2K (2560x1440)
S1	S1	S1	S1	S1	S1	Stream Size-3MP (2304x1296)
S1	S1	S1 / S2	S1 / S2	S1 / S2	S1 / S2	Stream Size-1080P (1920x1080)
S1 / S2	S1 / S2	S1 / S2 / S3	S1 / S2 / S3	S1 / S2 / S3	S1 / S2 / S3	Stream Size-720P (1280x720)
S2 / S3	S2 / S3	S2 / S3	S2 / S3	S2 / S3	S2 / S3	Stream Size-D1 (704x480)
-	-	-	-	S1 / S2	-	Stream Size-(640x480)
S3	S3	S3	S3	S3	S3	Stream Size-(480x240)
S2 / S3	S2 / S3	S1 / S2 / S3	S1 / S3	S3	S3	Stream Size-CIF (352x240)
< 10W	< 5W	< 8W	< 6W	< 9W	< 7W	Power Consumption
670g	450g	610g	600g	1110g	1030g	Weight
IP67	IP67	IP66	IP66 / IK10	IP68	IP68 / IK10	Ingress Protection
Φ112 × 100	Φ95 × 83	Φ87 × 219	Φ117 × 90	Φ109× 284	Φ150 × 114	Dimentsion (mm)
DC 12V / PoE	DC 12V / PoE	DC 12V / PoE	DC 12V / PoE	DC 12V / PoE	DC 12V / PoE	Power Source

PTZ Camera / Value Plus Series

Product Series	2MP PTZ	3MP PTZ			Value Plus Series
	16X	20X	30X	20X Hybrid	2MP 3 Colors LED
Picture					
Model	HS-D064RF	HS-D046QW	HS-D046RT	HS-D046RX	HS-T057SD
SDXC-128GB	YES	YES	YES	YES	YES
IVS	-	-	-	-	YES
H.265 / H.264 / MJPEG	YES	YES	YES	YES	YES
Lens (mm)	EVF 16 X 5.5 ~ 88	EVF 20X 5.5 ~ 110	EVF 30X 4.5 ~ 135	EVF 20X 5.5 ~ 110	Board 2.8
IR Distance	50M	100M	100M	100M	30M
Alarm Input	-	YES	YES	YES	-
Alarm Output	-	YES	YES	YES	-
Audio Line In	YES	YES	YES	YES	YES
Audio Line Out	YES	YES	YES	YES	-
MIC build-in	-	-	-	-	-
AHD / TVI Output	-	-	-	YES	-
CVBS Output	-	-	-	-	YES
Sensor Actual Size	1/2.8"	1/2.8"	1/2.8"	1/2.8"	1/2.7" CMOS
Min. Illumination	0 Lux	0 Lux	0 Lux	0 Lux	0.007 Lux @F1.2
Sensor Active Size	1920(H) × 1080(V)	2048(H) × 1536(V)	2048(H) × 1536(V)	2048(H) × 1536(V)	1920(H)×1080(V)
Bitrate Range	128Kbps ~ 6Mbps	128Kbps ~ 6Mbps	128Kbps ~ 6Mbps	128Kbps ~ 6Mbps	256Kbps ~ 5Mbps
Stream Size-(2160x2160)	-	-	-	-	-
Stream Size-(1920x1920)	-	-	-	-	-
Stream Size-(1440x1440)	-	-	-	-	-
Stream Size-(960x960)	-	-	-	-	-
Stream Size-(480x480)	-	-	-	-	-
Stream Size-4MP (2560x1440)	-	-	-	-	-
Stream Size-3MP (2048x1536)	-	S1	S1	S1	-
Stream Size-1080P (1920x1080)	S1	S1	S1	S1	S1
Stream Size-720P (1280x720)	S1 / S2	S1 / S2	S1 / S2	S1	S1
Stream Size-D1 (704x480)	S2 / S3	S2 / S3	S2 / S3	S2	S2 / S3
Stream Size-(480x240)	S3	S3	S3	S3	S3
Stream Size-CIF(352x240)	S2 / S3	S2 / S3	S2 / S3	S3	S2 / S3
RS-485	-	-	-	-	-
Power Consumption	< 30 W	< 30 W	< 30 W	30 W	< 5W
Weight	2700 g	3500 g	3500 g	3500 g	390g
Ingress Protection	IP66 & IK10	IP66 & IK10	IP66 & IK10	IP66, IK10	IP67
Dimensions (mm)	Φ136 × 222	Φ209 × 317	Φ209 × 317	Φ209 × 317	Φ74.5 × 167.5
Power Source	DC12V	DC24V	AC / DC 24V	DC24V	DC12V / PoE



* S1: Main Stream / S2: The second Stream / S3: The third Stream

* Specifications subject will change without notice.

*IVS Features: Missing Object / Object Removal, Line Crossing / Tripwire, Intrusion, People Intrusion, People Counting, Crowd Density, Tampering / Exception Detection.






Value Plus Series					Product Series
6MP Fisheye	2MP Micro	2MP LPR Box	2MP LPR Box +	4MP Decoder	Picture
					
Lens excluded					
HS-D063RW	HS-X013RH	HS-X009SF	HS-X009RD	HS-H016P6	Model
YES	YES	YES	YES	YES	SDXC-128GB
-	-	-	-	-	IVS
YES	YES	YES	YES	YES	H.265 / H.264 / MJPEG
Board 360° 1.07	Board 4.3	C / CS mount	C / CS mount	Depend on camera	Lens (mm)
15M	-	-	-	-	IR Distance
YES	YES	YES (Rear)	YES (Rear)	YES	Alarm Input
YES	YES	YES (Rear)	YES (Rear)	YES	Alarm Output
YES	-	YES (Rear)	YES (Rear)	YES	Audio Line In
YES	-	YES (Rear)	YES (Rear)	YES	Audio Line Out
YES	YES	-	-	-	MIC build-in
-	-	-	-	YES	AHD / TVI Output
YES	-	YES (Rear)	YES (Rear)	YES	CVBS Output
1/2.9"	1/3" CMOS	1/2.8" CMOS	1/1.9" CMOS	-	Sensor Actual Size
0 Lux	0.07 Lux	0.005 Lux @F1.6	0.0021 Lux @F1.2	-	Min. Illumination
2160(H) × 2160(V)	1920(H) × 1080(V)	1920(H) × 1080(V)	1920(H) × 1080(V)	-	Sensor Active Size
64Kbps ~ 16Mbps	32Kbps ~ 16Mbps	128Kbps ~ 6Mbps	64Kbps ~ 6Mbps	32Kbps ~ 16Mbps	Bitrate Range
S1	-	-	-	-	Stream Size-(2160x2160)
S1	-	-	-	-	Stream Size-(1920x1920)
S1	-	-	-	-	Stream Size-(1440x1440)
S2	-	-	-	-	Stream Size-(960x960)
S3	-	-	-	-	Stream Size-(480x480)
-	-	-	-	-	Stream Size-4MP (2560x1440)
-	-	-	-	-	Stream Size-3MP (2048x1536)
-	S1	S1	S1	S1	Stream Size-1080P (1920x1080)
-	S1	S1	S1	S1	Stream Size-720P (1280x720)
-	S2 / S3	S2 / S3	S2 / S3	S2 / S3	Stream Size-D1 (704x480)
-	S3	S3	S3	S3	Stream Size-(480x240)
-	S2 / S3	S2 / S3	S2 / S3	S3	Stream Size-CIF(352x240)
YES	-	YES	YES	YES	RS-485
< 12W	< 12W	< 4.W	< 4.2W	< 4W	Power Consumption
432 g	97g	400g	400g	220g	Weight
IP66	-	-	-	-	Ingress Protection
Φ39 × 130	30 x 30 x 29.5	70 x 145 x 60	70 x 145 x 60	75 x 30 x 141	Dimensions (mm)
DC12V / PoE	DC12V	AC24V / DC12V / PoE	AC24V / DC12V / PoE	DC12V / PoE	Power Source

Network Video Recorders Non-PoE Series




Product Series		Economic			Basic	
		4CH	8CH	16CH	4CH	8CH
Picture						<div>to be released in 2020</div>
Model		HS-NE4311	HS-NE8311	HS-NE6321	HS-NF4311	HS-NF8311
IPC Connection		4	8	16	4	8
Max. Resolution	8MP	-	-	YES	YES	YES
	5MP	YES	YES	YES	YES	YES
Independent PoE Port		-	-	-	-	-
RJ-45 Port		1	1	1	1	1
MAX. HDD		1	1	2	1	1
HDMI		1	1	1	1	1
VGA		1	1	1	1	1
Alarm Input (IPC)		4	8	16	4	8
Alarm Input (NVR)		-	-	4	-	-
Alarm Output (NVR)		-	-	1	-	-
Alarm Output (IPC)		4	8	16	4	8
Audio Input (NVR)		-	-	1	1	1
Audio Output (NVR)		-	-	1	1	1
2-Ways Talk		-	-	YES	YES	YES
Network Access Bandwidth		32Mbps	56Mbps	116 Mbps	40Mbps	80 Mbps
RAID		-	-	-	-	-
USB 3.0		-	-	-	-	-
USB 2.0		2	2	2	2	2
E-SATA		-	-	-	-	-
Power Consumption (Without HDD)		≤ 6W	≤ 6W	≤ 15W	≤ 10W	≤ 10 W
Dimensions (mm)		255 x 233 x 42	255 x 233 x 42	380 x 268 x 52	300 x 248 x 52	300 x 248 x 52
Power Source		DC12V / 1.5A	DC12V / 1.5A	DC12V	DC12V / 1.5A	DC 12V/1.5A

* Specifications subject will change without notice.

* IVS Features: Missing Object / Object Removal, Line Crossing / Tripwire, Intrusion, People Intrusion, People Counting, Crowd Density, Tampering / Exception Detection.



Face Recognition			Special	Product Series	
8CH	16CH	32CH	64CH		
<div></div> <div></div> <div></div>			<div></div>	Picture	
HS-ND8311	HS-NF6321	HS-NF3382	HS-NFA382	Model	
8	16	32	64	IPC Connection	
YES	YES	YES	YES	8MP	Max. Resolution
YES	YES	YES	YES	5MP	
-	-	-	-	Independent PoE Port	
1	1	2	2	RJ-45 Port	
1	2	8	8	MAX. HDD	
1	1	2	2	HDMI	
1	1	1	1	VGA	
8	16	32	64	Alarm Input (IPC)	
8	8	8	8	Alarm Input (NVR)	
4	4	4	4	Alarm Output (NVR)	
8	16	32	64	Alarm Output (IPC)	
1	1	1	1	Audio Input (NVR)	
1	1	1	1	Audio Output (NVR)	
YES	YES	YES	YES	2-Ways Talk	
80Mbps	160 Mbps	256 Mbps	320 Mbps	Network Access Bandwidth	
-	-	0 / 1 / 5 / 6 / 10	-	RAID	
1	1	1	1	USB 3.0	
1	1	2	2	USB 2.0	
-	-	2	2	E-SATA	
≤ 10 W	≤ 10 W	≤ 18W	≤ 15W	Power Consumption (Without HDD)	
380 x 268 x 45	380 x 268 x 45	435 x 456 x 99	435 x 456 x 99	Dimensions (mm)	
DC 12V/4A	DC12V / 4A	ATX (AC 110V / 240V)	ATX (AC 110V / 240V)	Power Source	

Network Video Recorders with PoE Series

Product Series		Economic		
		4CH	8CH	16CH
Picture				
Model		HS-PE431F	HS-PE831F	HS-PE6321
IPC Connection		4	8	16
Max. Resolution	8MP	-	-	YES
	5MP	YES	YES	YES
Independent PoE Port		4	8	16
RJ-45 Port		1	1	1
MAX. HDD		1	1	2
HDMI		1	1	1
VGA		1	1	1
Alarm Input (IPC)		4	8	16
Alarm Input (NVR)		-	-	-
Alarm Output (NVR)		-	-	-
Alarm Output (IPC)		4	8	16
Audio Input (NVR)		-	-	1
Audio Output (NVR)		-	-	1
2-Ways Talk		-	-	YES
Network Access Bandwidth		28Mbps	40 Mbps	112Mbps
RAID		-	-	-
USB 3.0		-	-	-
USB 2.0		2	2	2
E-SATA		-	-	-
Power Consumption (Without HDD)		≤ 6 W	≤ 6 W	≤ 15 W
Dimensions (mm)		255 x 233 x 42	255 x 233 x 42	380 x 268 x 45
Power Source		DC48V / 1.25A	DC 48V / 2.5A	DC 48V / 3.75A

* Specifications subject will change without notice.

*IVS Features: Missing Object / Object Removal, Line Crossing / Tripwire, Intrusion, People Intrusion, People Counting, Crowd Density, Tampering / Exception Detection.

Basic		Face Recognition		Product Series	
4CH	8CH	16CH	32CH		
<div></div> <div>to be released in 2020</div>		<div></div>		Picture	
HS-PF4311	HS-PF8311	HS-PF6342	HS-PF3382	Model	
4	8	16	32	IPC Connection	
YES	YES	YES	YES	8MP	Max. Resolution
YES	YES	YES	YES	5MP	
4	8	16	16	Independent PoE Port	
1	1	1	1	RJ-45 Port	
1	1	4	8	MAX. HDD	
1	1	1	1	HDMI	
1	1	1	1	VGA	
4	8	16	32	Alarm Input (IPC)	
-	-	16	16	Alarm Input (NVR)	
-	-	4	4	Alarm Output (NVR)	
4	8	16	32	Alarm Output (IPC)	
1	1	1	1	Audio Input (NVR)	
1	1	1	1	Audio Output (NVR)	
YES	YES	YES	YES	2-Ways Talk	
40Mbps	80Mbps	160Mbps	256Mbps	Network Access Bandwidth	
-	-	-	-	RAID	
-	-	1	1	USB 3.0	
2	2	1	1	USB 2.0	
-	-	-	1	E-SATA	
≤ 10 W	≤ 10 W	≤ 15W	≤ 18W	Power Consumption (Without HDD)	
300 x 248 x 52	300 x 248 x 52	440 x 393 x 70	435 x 456 x 99	Dimensions (mm)	
DC 12V / 1.5A	DC 12V / 1.5A	ATX (AC 110V / 240V)	ATX (AC 110V / 240V)	Power Source	









IP Camera Accessories



Junction Box							
B612	B613	B623	B624TV	B627	B632	B636	B637
							
Bracket							
B615	B616	B617	B618	B619	B620	B621	B622
							
		Ceiling Mount		Wall Mount		Pole Mount	Corner Mount
		Junction Box	Junction Box + Bracket	Junction Box	Junction Box + Bracket	Junction Box + Bracket	Junction Box + Bracket
T037 / T039	T051						
		<div>1 B624TV</div> <div>2 B623</div> <div>3 B638</div>	<div>1 B627+B628</div> <div>2 B640+B621</div> <div>3 B639+B621</div>	<div>1 B627</div> <div>2 B640</div> <div>3 B639</div>	<div>1 B627+B642</div> <div>2 B640+B622</div> <div>3 B639+B622</div>	<div>1 B627+B615</div> <div>2 B640+B615</div>	<div>1 B627+B616</div> <div>2 B640+B616</div>
T057	T058						
	Ceiling Mount		Wall Mount		Pole Mount	Corner Mount	
	Junction Box	Junction Box + Bracket	Junction Box	Junction Box + Bracket	Junction Box + Bracket	Junction Box + Bracket	
T036	<div>1 B624TV</div> <div>2 B623</div> <div>3 B638</div>	<div>1 B627+B628</div> <div>2 B640+B621</div> <div>3 B639+B621</div>	<div>1 B627</div> <div>2 B640</div> <div>3 B639</div>	<div>1 B627+B642</div> <div>2 B640+B622</div> <div>3 B639+B622</div>	<div>1 B627+B615</div> <div>2 B640+B615</div> <div>3 B627+B642+B615</div> <div>4 B640+B622+B615</div> <div>5 B639+B622+B615</div>	<div>1 B627+B616</div> <div>2 B640+B616</div> <div>3 B627+B642+B616</div> <div>4 B640+B622+B616</div> <div>5 B639+B622+B616</div>	
	<div>1 B624TV</div> <div>2 B638</div>	<div>1 B624TV+B625</div> <div>2 B638+B621</div>	<div>1 B624TV</div> <div>2 B638</div>	<div>1 B624TV+B626</div> <div>2 B638+B622</div>	<div>1 B624TV+B615</div> <div>2 B638+B615</div> <div>3 B624TV+B626+B615</div> <div>4 B638+B622+B615</div>	<div>1 B624TV+B616</div> <div>2 B638+B616</div> <div>3 B624TV+B626+B616</div> <div>4 B638+B622+B616</div>	
T077							
	B636	B636+B625	B636	B636+B625	B636+B626+B615	B636+B626+B616	
D087							
	Ceiling Mount		Wall Mount		Pole Mount	Corner Mount	
	Junction Box		Junction Box		Junction Box + Bracket	Junction Box+ Bracket	
D063	B632		B632		B632+B615	B632+B616	
	Wall Mount			Ceiling Mount		Wall Mount	
	B609			B633		B633	
D058			X009				





* S1: Main Stream / S2: The second Stream / S3: The third Stream


* Specifications subject will change without notice.

Junction Box					Bracket		
B638	B639	B640	B641	B643	B609	B610	B614
							

Bracket							
B625	B626	B628	B629	B630	B631	B633	B642
							

 D041(N)	Ceiling Mount		Wall Mount			Pole Mount	Corner Mount
	Junction Box	Junction Box + Bracket	Junction Box	Junction Box + Bracket	Bracket	Junction Box + Bracket	Junction Box + Bracket
 D088	B641	B641+B628	B641	B641+B642	B609	B641+B642+B615	B641+B642+B616

 D042	Ceiling Mount		Wall Mount			Pole Mount	Corner Mount
	Junction Box	Junction Box + Bracket	Junction Box	Junction Box + Bracket	Bracket	Junction Box+Bracket	Junction Box+Bracket
	<ol style="list-style-type: none"> B613 B637 	<ol style="list-style-type: none"> B613+B614 B637+B621 	<ol style="list-style-type: none"> B613 B637 	<ol style="list-style-type: none"> B613+B617 B637+B622 	<ol style="list-style-type: none"> B610 B620 	<ol style="list-style-type: none"> B613+B617+B615 B637+B622+B615 B620+B615 	<ol style="list-style-type: none"> B613+B617+B616 B637+B622+B616 B620+B616
 D070	<ol style="list-style-type: none"> B624TV B637 	<ol style="list-style-type: none"> B624TV+B625 B637+B621 	B637	<ol style="list-style-type: none"> B624TV+B626 B637+B622 	B609	<ol style="list-style-type: none"> B624TV+B626+B615 B637+B622+B615 	<ol style="list-style-type: none"> B624TV+B626+B616 B637+B622+B616
 D071	<ol style="list-style-type: none"> B627 B640 B639 	<ol style="list-style-type: none"> B627+B628 B640+B621 B639+B621 	<ol style="list-style-type: none"> B627 B640 B639 	<ol style="list-style-type: none"> B627+B642 B640+B622 	B609	<ol style="list-style-type: none"> B627+B642+B615 B640+B622+B615 B639+B622+B615 	<ol style="list-style-type: none"> B627+B642+B616 B640+B622+B616 B639+B622+B616
 D043	<ol style="list-style-type: none"> B624TV B640 B638 	<ol style="list-style-type: none"> B624TV+B625 B640+B621 B638+B621 	B638	<ol style="list-style-type: none"> B624TV+B626 B640+B622 B638+B6228 	B609	<ol style="list-style-type: none"> B624TV+B626+B615 B640+B622+B615 B638+B622+B615 	<ol style="list-style-type: none"> B624TV+B626+B616 B640+B622+B616 B638+B622+B616

 D040	Ceiling Mount		Wall Mount		Pole Mount		Corner Mount	
	Junction Box	Junction Box + Bracket	Junction Box	Junction Box + Bracket	Bracket	Junction Box + Bracket	Bracket	Junction Box+ Bracket
	B613	B613+B614	B613	B613+B617	B620+B615	B613+B617+B615	B620+B616	B613+B617+B616

No1. Made in Taiwan Surveillance Brand

3 YEAR WARRANTY

Extremely delicate

- Easy installation
- Best choice for installer
- Easy to adjust angle



International Certified

Quality Production Guarantee

Smart Monitoring Preferred

Exclusive Service Guarantee

New 2MP / 5MP HI SHARP Brand Series



HS-T067AA / B7



HS-T068AA / B7



HS-D060AA / B7



HS-D073AA / B7

HI SHARP

High Sharpness

The best surveillance products made in Taiwan

HI SHARP Electronics 's dedication is based on creating a safe and secure environment for human progress, continuously innovating in visual imaging and security surveillance fields.

Since the establishment, HI SHARP manages the manufacturing as a service industry and provides total solutions to domestic and foreign customers.

The origin of HI SHARP company means High Sharpness.

With high sharpness for the naming concept, Hi Sharp extends to all variety of visual image products with high-quality professions.

We already have over 1,000 domestic clients and 500 overseas clients.

We possess 50% market shares and become the No.1 leading visual image professional manufacturer in Taiwan.

HI SHARP Brand Series

Series	2MP · AA Series				5MP · B7 Series		
	Tube	Tube	Dome	Dome	Tube	Tube	Dome
Picture							
Model	HS-4IN1-T067AA	HS-4IN1-T068AA	HS-4IN1-D073AA	HS-4IN1-D060AA	HS-4IN1-T067B7	HS-4IN1-T068B7	HS-4IN1-D073B7
Pick Up Device	1/2.9" SONY COMS : 2.0 Mega				1/2.8" SONY COMS : 5.0 Mega		
Solution	2441H + SONY 323				FH8538M + SONY 335		
Resolution	1920(H) x 1080(V)				2592(H) x 1944(V)		
Video Output	AHD / CVBS / TVI / CVI				AHD / CVBS / TVI / CVI		
S/N Ratio	More than 60 dB				More than 55 dB		
Min. Illumination	0.01 Lux				0.01 Lux		
Lens (mm)	Board 3.6 / 6	VF 2.8 ~ 12	Board 3.6 / 6	VF 2.8 ~ 12	Board 4 / 6	VF 2.8 ~ 12	Board 4 / 6
Camera Control	CoC				CoC		
Electronic Shutter	Auto 1/60 (1/50) ~ 1/100,000 sec / FLK				Auto 1/60 (1/50) ~ 1/100,000 sec / FLK		
IR Distance	35M	35M	30M	35M	35M	35M	30M
WDR	Yes				Yes		
DNR	2DNR / 3DNR				2DNR / 3DNR		
Maximum FPS	30fps(NTSC) / 25fps(PAL)				30fps(NTSC) / 25fps(PAL)		
Power Source	DC12V ± 10% / 1A				DC12V ± 10% / 1A		
Operating Temperature	-10°C ~ 50°C (-14°F ~ 122°F)				-10°C ~ 50°C (-14°F ~ 122°F)		
Dimension (mm)	83 x 83 x 141	83 x 83 x 141	81 x Φ106	126 x 126 x 100	83 x 83 x 141	83 x 83 x 141	81 x Φ106
Housing	IP68	IP66	IP66	IP66 / IK10	IP68	IP66	IP66

* Specifications subject will change without notice.



Ultra CQ Series Camera

5Years warranty **3**Year renewal



Dedication for system integrators & installers



Certified with salt spary test IP69K protection,
Waterproof IP66 / IP68
Classic White color with unique design

2MP · CQ Series						Series
Dome	Dome	Tube	Tube	Tube	Tube	
						Picture
HS-4IN1-D060B7	HS-4IN1-D060CQ	HS-4IN1-T021CQ	HS-4IN1-T022CQ	HS-4IN1-T049CQ	HS-4IN1-T050CQ	Model
1/2.9" SONY COMS : 2.0 Mega						Pick Up Device
2440H + SONY 323						Solution
1920(H) x 1080(V)						Resolution
AHD / CVBS / TVI / CVI						Video Output
More than 55 dB						S/N Ratio
0.01 Lux						Min. Illumination
VF 2.8 ~ 12	VF 2.8 ~ 12	Board 3.6 / 6	VF 2.8 ~ 12	Board 3.6 / 6	Board 2.8 ~ 12	Lens (mm)
CoC						Camera Control
Auto 1/60 (1/50) ~ 1/100,000 sec / FLK						Electronic Shutter
35M	35M	30M	50M	30M	50M	IR Distance
Yes						WDR
2DNR / 3DNR						DNR
30fps(NTSC) / 25fps(PAL)						Maximum FPS
DC12V ± 10% / 1A						Power Source
-40°C ~ 60°C (-40°F ~ 140°F)						Operating Temperature
126 x 126 x 100	126 x 126 x 100	77 x 77 x 114	85 x 85 x 137	77 x 176 x 210	85 x 176 x 241	Dimension (mm)
IP66 / IK10	IP66 / IK10	IP68	IP66	IP68	IP66	Housing

Ultra Series Camera

Series	CE Series				
	Dome	Dome	Dome	Tube	Tube
Picture					
Model	HS-4IN1-D002CE	HS-4IN1-D013CE	HS-4IN1-D014CE	HS-4IN1-T013CE	HS-4IN1-T014CE
Pick Up Device	1/2.9" SONY COMS : 2.0 Mega				
Solution	2440H + SONY 323				
Resolution	1920(H) x 1080(V)				
Video Output	AHD / CVBS / TVI / CVI				
S/N Ratio	More than 55 dB				
Min. Illumination	0.01 Lux				
Lens (mm)	VF 2.8 ~ 12	Board 3.6 / 6	VF 2.8 ~ 12	Board 3.6 / 6	EVF 7 ~ 22
Camera Control	CoC				
Electronic Shutter	Auto 1/60 (1/50) ~ 1/100,000 sec / FLK				
IR Distance	40M	20M	40M	40M	40M
WDR	Yes				
DNR	2DNR / 3DNR				
Maximum FPS	30fps(NTSC) / 25fps(PAL)				
Power Source	DC12V \pm 10% / 1A				
Operating Temperature	-40°C ~ 60°C (-40°F ~ 140°F)				
Dimension (mm)	85 x ϕ 120	85 x ϕ 111	100 x ϕ 140	76 x 83 x 140	88 x 95 x 150
Housing	IP66	IP68	IP68	IP68	IP68

* Specifications subject will change without notice.

Tube	Tube
	
HS-4IN1-T018CE	HS-4IN1-T019CE
Board 3.6	EVF 7 ~ 22
40M	40M
76 x 115 x 214	88 x 121 x 232
IP68	IP68

Dedicated to System Integration & Installation

5 years
Warranty

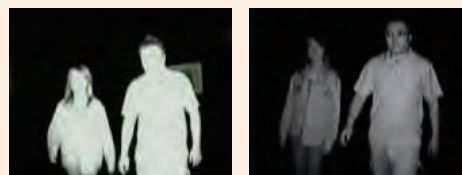
Certified
with salt
spary test

Permanent
service

- Stainless steel components & materials
- Smart IR
- Certified by reputable laboratories - CE FCC / IP68 / Anti-fog & salt resistant
- 5-year warranty / 3-year renewal
- Extreme temperature (-40°C ~ +60°C)
- The same connection structure as original analogue system without cable (Coax / UTP) changing

Smart IR

Smart IR is able to determine the distance of subject to keep clear image.



CoC

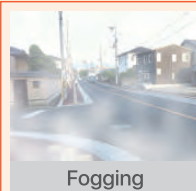
Through coaxial cable to operating OSD and zoom lens function solving traditional wire problems.



Video
+
Control
500M



Anti-mist / Water-repellency glass



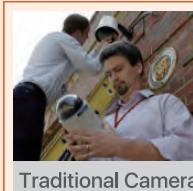
Fogging



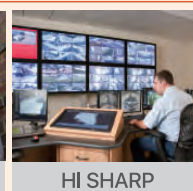
HI SHARP



Electronical focus adjustment



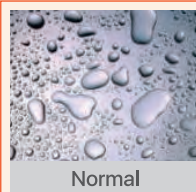
Traditional Camera



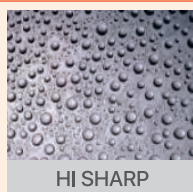
HI SHARP



IP68 / Anti-fog & Salt resistant



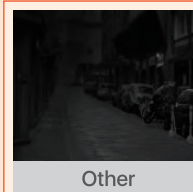
Normal



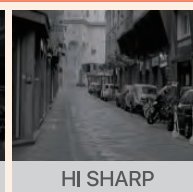
HI SHARP



High performance IR



Other










HI SHARP

2MP Hybrid Camera

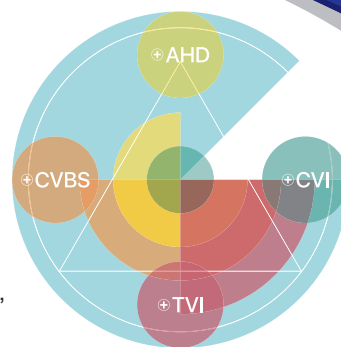
1080P Camera

AHD / CVBS / TVI / CVI
HYBRID CAMERA

Series	AA Series							
	Dome	Dome	Dome	Dome	Dome	Dome	Tube	Tube
Picture								
Model	HS-4IN1-D001AA	HS-4IN1-D002AA	HS-4IN1-D030AA	HS-4IN1-D031AA	HS-4IN1-D047AA	HS-4IN1-D048AA	HS-4IN1-T003AA	HS-4IN1-T004AA
Pick Up Device	1/2.9" SONY COMS : 2.0 Mega							
Solution	2441H + SONY 323							
Resolution	1920(H) x 1080(V)							
Video Output	AHD / CVBS / TVI / CVI							
S/N Ratio	More than 60 dB							
Min. Illumination	0.01 Lux							
Lens (mm)	Board 3.6 / 6	VF 2.8 ~ 12	Board 3.6 / 6	VF 2.8 ~ 12	Board 3.6	Board 3.6	Board 3.6 / 6	VF 2.8 ~ 12
Camera Control	CoC							
Electronic Shutter	Auto 1/60 (1/50) ~ 1/100,000 sec / FLK							
IR Distance	20M	20M	25M	25M	20M	10M	20M	30M
WDR	Yes							
DNR	2DNR / 3DNR							
Maximum FPS	30fps(NTSC) / 25fps(PAL)							
Power Source	DC12V ± 10% / 1A							
Operating Temperature	-10°C ~ 50°C (-14°F ~ 122°F)							
Dimension (mm)	70 x φ94	85 x φ120	87 x φ112	87 x φ112	65 x φ97	97 x 55 x 100	67 x 107 x 217	75 x 112 x 228
Housing	IP66	IP66	-	-	-	IP66	IP67	IP66

* Specifications subject will change without notice.

- High video quality on HD 1080p
- HD video transmission without video quality loss and delay
- Long transmission distance
- The same connection structure as original analogue system, without cable(Coax/UTP) changing



AA Series					AH Series			Series
Tube	Tube	Tube	Tube	Housing	Pinhole	Tube	Tube	
								Picture
HS-4IN1-T029AA	HS-4IN1-T031AA	HS-4IN1-T041AA	HS-4IN1-H009AA	HS-4IN1-X011AA	HS-4IN1-D002AH	HS-4IN1-T032AH	HS-4IN1-T034AH	Model
1/2.9" SONY COMS : 2.0 Mega					1/2.9" SONY COMS : 2.0 Mega			Pick Up Device
2441H + SONY 323					2440H + SONY 323			Solution
1920(H) x 1080(V)					1920(H) x 1080(V)			Resolution
AHD / CVBS / TVI / CVI					AHD / CVBS / TVI / CVI			Video Output
More than 60 dB					More than 60 dB			S/N Ratio
0.01 Lux					0.01 Lux			Min. Illumination
Board 3.6	Board 3.6	Board 3.6	Board 3.6 / 6 VF 2.8 ~ 12	Board 3.7	EVF 2.8 ~ 12	EVF 2.8 ~ 12	VF 2.8 ~ 12	Lens (mm)
CoC					CoC			Camera Control
Auto 1/60 (1/50) ~ 1/100,000 sec / FLK					Auto 1/60 (1/50) ~ 1/100,000 sec / FLK			Electronic Shutter
20M	30M	30M	40M	-	30M	50M	50M	IR Distance
Yes					Yes			WDR
2DNR / 3DNR					2DNR / 3DNR			DNR
30fps(NTSC) / 25fps(PAL)					30fps(NTSC) / 25fps(PAL)			Maximum FPS
DC12V ± 10% / 1A					DC12V ± 10% / 1A			Power Source
-10°C ~ 50°C (-14°F ~ 122°F)					-10°C ~ 50°C (-14°F ~ 122°F)			Operating Temperature
170 x ϕ66	133 x Ø85	133 x ϕ85	142 x 136 x 323	39 x 50 x 32	39 x 50 x 32	287 x ϕ95	133 x ϕ85	Dimension (mm)
IP66	IP66	IP66	IP66	-	IP66	IP66	IP66	Housing

5MP Hybrid Camera

6in1 Camera

AHD / CVBS / TVI / CVI
HYBRID CAMERA






- 5MP (2592×1944) output
- Digital Noise Reduction
- Built-in IR Cut Filter, accurate focus for Day & Night
- HD video transmission without video quality loss & delay

Series	AT Series			
	Dome	Tube	Tube	Housing
Picture				
Model	HS-6IN1-D001AT	HS-6IN1-T002AT	HS-6IN1-T003AT	HS-6IN1-T004AT
Pick Up Device	1/2.9" COMS			
Solution	FH8538 + PXI-K03			
Resolution	2592(H) x 1944(V)			
Video Output	AHD / CVBS / TVI / CVI			
S/N Ratio	More than 50 dB			
Min. Illumination	0.01 Lux			
Lens (mm)	Board 4	VF 3.3 ~ 12	Board 4	EVF 3.3 ~ 12
Camera Control	CoC			
Electronic Shutter	Auto 1/60 (1/50) ~ 1/50,000 sec / FLK			
IR Distance	20M	40M	30M	30M
WDR	Yes			
DNR	2DNR / 3DNR			
Maximum FPS	30fps(NTSC) / 25fps(PAL)			
Power Source	DC12V ± 10% / 1A			
Operating Temperature	-10°C ~ 50°C (-14°F ~ 122°F)			
Dimension (mm)	70 x φ94	85 x φ120	170 x φ66	75 x 112 x 228
Housing	IP67	IP66	IP67	IP66

* Specifications subject will change without notice.

6in1	R/S	Mode	Live fps
1	5MP	TVI	20
2	5MP	AHD	20
3	4MP	TVI	30
4	4MP	AHD	30
5	4MP	CVI	30
6	960H	CVBS	30



B7 Series					Series
Dome	Dome	Dome	Tube	Tube	Picture
					
HS-6IN1-D001B7	HS-6IN1-D002B7	HS-6IN1-D052B7	HS-6IN1-T029B7	HS-6IN1-T004B7	Model
1/2.8" COMS					Pick Up Device
FH8538M + SONY335					Solution
2592(H) x 1944(V)					Resolution
AHD / CVBS / TVI / CVI					Video Output
More than 50 dB					S/N Ratio
0.01 Lux					Min. Illumination
Board 3.6	VF 2.8 ~ 12	VF 3.3 ~ 12	Board 3.6	VF 2.8 ~ 12	Lens (mm)
CoC					Camera Control
Auto 1/60 (1/50) ~ 1/50,000 sec / FLK					Electronic Shutter
20M	40M	30M	30M	30M	IR Distance
Yes					WDR
2DNR / 3DNR					DNR
30fps(NTSC) / 25fps(PAL)					Maximum FPS
DC12V \pm 10% / 1A					Power Source
-10°C ~ 50°C (-14°F ~ 122°F)					Operating Temperature
70 x ϕ 94	85 x ϕ 120	108 x ϕ 138	170 x ϕ 66	75 x 112 x 228	Dimension (mm)
IP67	IP66	IP66 / IK10	IP67	IP66	Housing

4MP / 5MP Hybrid Customizable Camera

6in1 Camera

AHD / CVBS / TVI / CVI
HYBRID CAMERA

- 5MP (2592×1944) output
- Customizable
- Digital Noise Reduction
- Built-in IR Cut Filter, accurate focus for Day & Night
- HD video transmission without video quality loss & delay

Series	CN Series			
	Dome	Dome	Tube	Tube
Picture				
Model	HS-6IN1-D016CN	HS-6IN1-D053CN	HS-6IN1-T004CN	HS-6IN1-T012CN
Pick Up Device	1/2.8" CMOS			
Solution	SONY IMX335 + Nextchip 2477			
Resolution	2592(H) x 1944(V)			
Video Output	AHD(4MP / 5MP) / CVBS / TVI(4MP / 5MP) / CVI			
S/N Ratio	More than 55 dB			
Min. Illumination	0.01 Lux			
Lens (mm)	VF 2.8~12 / VF 3.6~10	VF 2.8~12	VF 2.8 ~ 12 / VF 3.6~10	VF 2.8~12 / VF 3.6~10
Camera Control	CoC			
Electronic Shutter	Auto 1/60 (1/50) ~ 1/50,000 sec / FLK			
IR Distance	25M	15M	25M	30M
WDR	Yes			
DNR	2DNR / 3DNR			
Maximum FPS	30fps(NTSC) / 25fps(PAL)			
Power Source	DC12V ± 10% / 1A			
Operating Temperature	-10°C ~ 50°C (-14°F ~ 122°F)			
Dimension (mm)	108 x Φ138	107 x Φ130	Φ75 x 112 x 228	Φ79 x 120 x 265
Housing	IP66	-	IP66	IP66

* Specifications subject will change without notice.

8MP Hybrid Camera

4in1 Camera

AHD / CVBS / TVI / CVI
HYBRID CAMERA

- 8MP (3840×2160) output
- Digital Noise Reduction
- Built-in IR Cut Filter, accurate focus for Day & Night
- HD video transmission without video quality loss & delay

Series	B8 / B9 Series				
	Dome	Dome	Dome	Tube	Tube
Picture					
Model	HS-4IN1-D001B9	HS-4IN1-D002B9	HS-4IN1-D073B9	HS-4IN1-T004B8 / B9	HS-4IN1-T029B8 / B9
Pick Up Device	1/3" COMS			1/3" COMS	
Solution	SC8238 + 2481H			B8-OV1289S + 2481H B9-SC8238 + 2481H	
Resolution	3840(H) x 2160(V)			3840(H) x 2160(V)	
Video Output	AHD / CVBS / TVI / CVI			AHD / CVBS / TVI / CVI	
S/N Ratio	More than 36 dB			B8-More than 50 dB B9-More than 36 dB	
Min. Illumination	0.1 Lux			B8-0.01 Lux B9-0.1 Lux	
Lens (mm)	Board 3.6	VF 2.8~12	Board 3.6	VF 2.8~12	Board 3.6
Camera Control	CoC			CoC	
Electronic Shutter	Auto / FLK			B8-Auto 1/5 ~ 1/100,000 sec/ FLK B9-Auto / FLK	
IR Distance	20M	40M	20M~30M	30M	20M
WDR	Yes			Yes	
DNR	2DNR / 3DNR			2DNR / 3DNR	
Maximum FPS	30fps(NTSC) / 25fps(PAL)			30fps(NTSC) / 25fps(PAL)	
Power Source	DC12V ± 10% / 1A			DC12V ± 10% / 1A	
Operating Temperature	-10°C ~ 50°C (-14°F ~ 122°F)			-10°C ~ 50°C (-14°F ~ 122°F)	
Dimension (mm)	70 x Ø94	85 x Ø120	Ø106 x 81	75 x 112 x 228	170 x Ø66
Housing	IP67	IP66	IP66	IP66	IP66

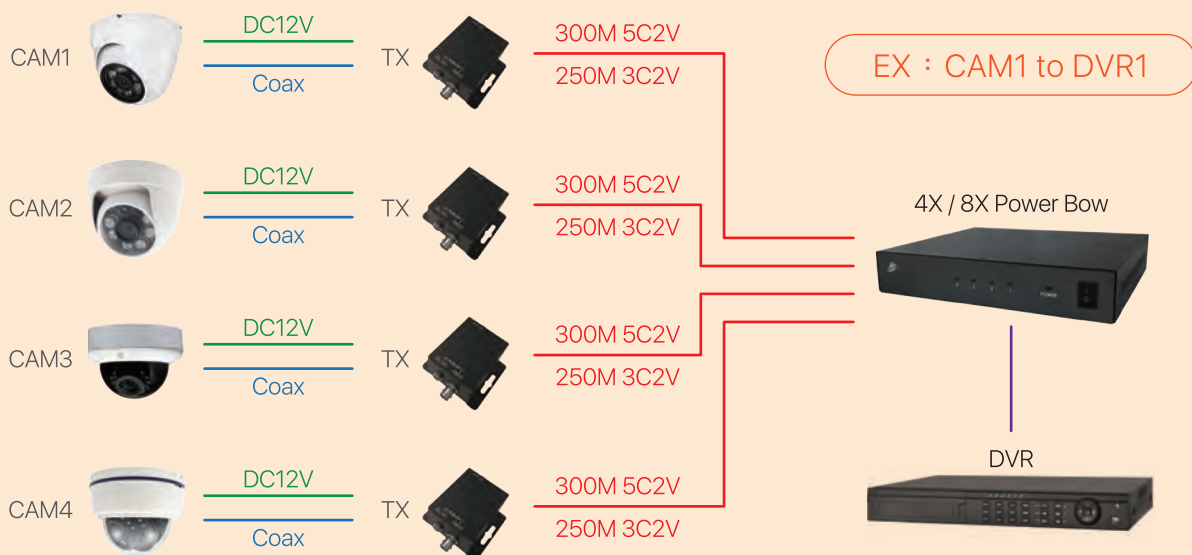
One Cable Camera

Series	CD Series				
	TUBE	DOME	DOME	DOME	Box
Picture					
Model	HS-4IN1-T004CD	HS-4IN1-D033CD	HS-4IN1-D053CD	HS-4IN1-D016CD	HS-4IN1-X002CD
Pick up device	1/2.9" SONY COMS : 2.0 Mega				
Solution	2440H + SONY 323				
Resolution	1920(H) x 1080(V)				
Video Output	AHD / CVBS / TVI / CVI				
S/N Ratio	More than 60 dB				
Min. Illumination	0.01 Lux				
Lens (mm)	EVF 2.8~12mm				C / CS Mount
Camera Control	CoC				
Electronic Shutter	Auto 1/60 (1/50) ~ 1/50,000 sec / FLK				
Coaxial Transmission Distance	250M				
IR Distance	30M	20M	20M	30M	-
WDR	Yes				
DNR	2DNR / 3DNR				
Maximum FPS	30fps(NTSC) / 25fps(PAL)				
Power Source	DC12V ± 10% / 1A				
Operating Temperature	-10°C ~ 50°C (-14°F ~ 122°F)				
Dimension (mm)	75 x 112 x 228	91 x φ128	107 x φ130	107 x φ130	56 x 50 x 126
Housing	IP66	-	-	IP66	-

* Specifications subject will change without notice.

ONE CABLE SOLUTION

AHD / TVI POWER OVER COAX



Power Box



4CH HS-H020P2



8CH HS-H011P3

Model	HS-H010P2	HS-H011P3
Signal Format	AHD / TVI / CVBS	
Camera Output	BNC-F x 4	BNC-F x 8
Video Output	BNC-F x 4	BNC-F x 8
Max. Transmission Distance	3C2V : 250M (R<10Ω)	
LED Status	Blinking (1sec) : No connection / Connect an informal device ON : Connect a regular TX device Blinking : Short circuit / Overflow	
Power Source	AC100 ~ 240V, 50 / 60 Hz	
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)	

※ This product have to work with regular TX box or one cable camera

Transmitter



1CH HS-H013P4


Model	HS-H013P4
Signal Format	AHD / TVI / CVBS
Camera Output	BNC-F x 1
Video Output	BNC-F x 1
Max. Transmission Distance	3C2V : 250M (R<10Ω)
Power Source	DC12V / 500mAh
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)

Ultra Wide Angle Camera

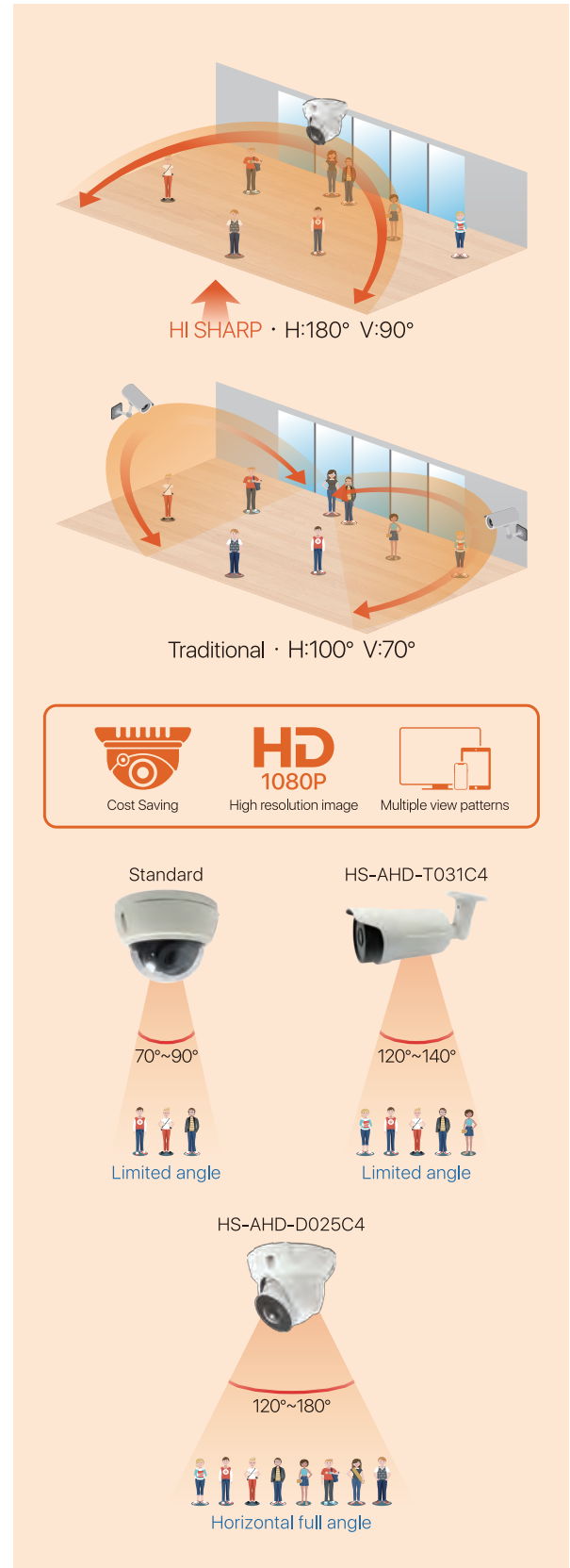
Analog HD wide-angle real picture




- Cost Saving
- High resolution image
- Multiple view patterns

Series	Ultra Wide Angle	
	Dome	Tube
Picture		
Model	HS-AHD-D025C4	HS-AHD-T031C4
Pick Up Device	1/2.8" SONY CMOS	
Resolution	1920(H) x 1080(V)	
Video Output	AHD	
S/N Ratio	More than 50 dB	
Min. Illumination	0.01 Lux	
Lens (mm)	1.38mm / F2.0	2.1mm
Camera Control	CoC	
Electronic Shutter	Auto 1/60 (1/50) ~ 1/50,000 sec / FLK	
IR Distance	-	20M
Horizontal Viewing Angle	120° ~ 180°	120° ~ 140°
Translation / Tilt Rotation	0°~140° / 0°~ 75° / 0°~355°	
Power Source	DC12V ± 10% / 1A	
Operating Temperature	-10°C ~ 50°C (-14°F ~ 122°F)	
Dimension (mm)	88 x Φ110	67 x 107 x 217
Housing	IP66	IP67

* Specifications subject will change without notice.



Starlight Camera Colorful image

Series	AY Series	
	Dome	Tube
Picture		
Model	HS-4IN1-D052AY	HS-4IN1-T004AY
Pick up device	1/2.9" COMS : 2.2 Mega	
Solution	2441H + SONY 307	
Resolution	1920(H) x 1080(V)	
Video Output	AHD / CVBS / TVI / CVI	
S/N Ratio	More than 60 dB	
Min. Illumination	0.001 Lux, 0 Lux (IR ON)	
Lens (mm)	VF 2.8~12	VF 2.8~12
Electronic Shutter	Auto 1/60 (1/50) ~ 1/50,000 sec / FLK	
DNR	2DNR / 3DNR	
Motion Detection	Yes (4 zones)	
Privacy Masking	Yes (4 zones)	
Twisted Cable Transmission (Cat 5.e standard)	300 / 500M	
Distance (3C/5C)	200M	
Power Source	DC12V ± 10% / 1A	
Operating Temperature	-10°C ~ 50°C (-14°F ~ 122°F)	
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)	
Dimension (mm)	100 x Φ133	Φ75 x 112 x 228
Housing	IP66 / IK10	IP66



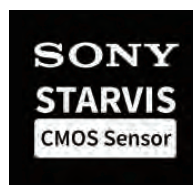
Starlight Camera

- Night color with high quality picture.
- Suitable for outdoor, community, parking lot, basement, park and other, environments.



Traditional Camera

- Black and white at night.
- Less picture detail and low recognition



Super high sensitivity
SONY Starvis Exmor
CMOS Sensor

1. High video quality on HD 1080P.
2. The same connection structure as original HD analogue system without cable (Coax / UTP) changing.
3. STARVIS image sensor can capture color image under 0.003Lux.
4. Starlight security cameras are able to deliver full color image without using artificial illumination (Infrared lighting / whitelighting) at night.

Customizable Camera


Customizable Camera Video Quality

Series	CE Series				
	Box	Dome	Dome	Tube	Tube
Picture					
Model	HS-4IN1-X002CE	HS-4IN1-D016CE	HS-4IN1-D053CE	HS-4IN1-T004CE	HS-4IN1-T012CE
Pick up device	1/2.9" SONY COMS				
Solution	(Nextchip) 2440H + SONY 323				
Resolution	1920(H) x 1080(V)				
Video Output	AHD / CVBS / TVI / CVI				
S/N Ratio	More than 55 dB (ACG OFF)				
Min. Illumination	0.04 Lux (F2.0, AGC ON)				
Lens (mm)	C / CS Mount	VF 2.8~12 VF 3.6~10	VF 2.8~12	VF 2.8~12 VF 3.6~10	VF 2.8~12 VF 3.6~10
Electronic Shutter	Auto 1/60 (1/50) ~ 1/50,000 sec / FLK				
IR distance	-	25M	15M	25M	30M
WDR	Yes				
DNR	2DNR / 3DNR				
Maximum FPS	30fps(NTSC) / 25fps(PAL)				
Power Source	DC12V ± 10% / 1A				
Operating Temperature	-10°C ~ 50°C (-14°F ~ 122°F)				
Dimension (mm)	50 x 50 x 126	108 x Φ138	107 x Φ130	Φ75 x 112 x 228	Φ79 x 120 x 265
Ingress Protection	-	IP66	-	IP66	IP66

* Specifications subject will change without notice.

Smart Dual Light Camera

Smart dual light camera

Series	CE Series	
	Dome	Tube
Picture		
Model	HS-AHD-D002CE	HS-AHD-T028CE
Pick up device	1/2.9" SONY COMS	
Solution	(Nextchip) 2440H + SONY 323	
Resolution	1920(H) x 1080(V)	
Video Output	AHD	
S/N Ratio	More than 55 dB (ACG OFF)	
Min. Illumination	0.04 lux (F2.0, AGC ON)	
Lens (mm)	Board 6	Board 6
Electronic Shutter	Auto 1/60 (1/50) ~ 1/50,000 sec / FLK	
IR distance	40M	
IR cut	Yes	
White Light Distance	< 30M	
Motion Detect Range	3M	
Motion Detect	Light change / Picture change	
PIR Detect Range	7M	
PIR Detect Temperature	Temperature	
3-Axis	P-T-T(Pan-Tilt-Twist)	
Power Source	DC12V ± 10% / 1A	
Operating Temperature	-10°C ~ 50°C (-14°F ~ 122°F)	
Dimension (mm)	119 x Ø85	112 x Ø184
Housing	IP66	



Dual Light Camera

3M~7M detects people and starts white light color recording



Regular Camera

IR recording in black and white at night

MODE 1 Stairs



Motion or PIR

MODE 2 Surveillance



Motion & PIR

MODE 3 PIR



PIR

MODE 4 Motion



Motion

1. Smart camera comprises with IR LED, motion and PIR detection to trigger white light system.
2. Smart camera triggers white light while detecting motion within 3M~7M, and displays color **image** in camera lens.
3. It could be auxiliary light, also can savepower and own deterrent effect.
4. Installation field: underground parking lots, factory, lane,community, entrance, stairs, yard, wall, etc.

PTZ Speed Dome Camera(AHD / TVI)

Pan-Tilt-Zoom Camera



Outdoor 20X Speed Dome Camera



Anti-fog



WDR



Mask



Preset Group



HS-D046RX



Shopping Mall



Warehouse

- 20X optical zoom
- Support CoC
- Customizable feature settings
- Motion detecting&tracking
- Preset rotational angles and points, regular auto calibration
- Multiple location alarm setting
- Anti-ESD(Electro Static Discharge), lightning protection function
- Build in heater and temperature control system

HS-D046RX	
Pick Up Device	1/2.8" CMOS
Resolution	2048(H) x 1536(V)
S/N Ratio	More than 50 dB
Zoom	20X optical zoom
Min. Illumination	0.01 Lux / 0 Lux (IR ON)
Lens (mm)	f = 5.5 (WIDE) ~ 110.0 (TELE), F1.6 ~ F3.5
Day & Night	Auto / Manual / One Push
Focus	Auto / Manual
Iris	Auto / Manual
White Balance	Auto / Manual
IR Distance	100M
Preset	360 Preset Positions (Max)
Pattern	8 pattern tours, each one with 180s memory
Alarm	Input : 1 / Output : 1
Compression	H.265 / H.264 / MJPEG
Resolution	2048(H) x 1536(V)
Frame Rate	1 ~ 30 fps
Protocol	TCP / IP, UDP, DHCP, DDNS, NTP, RTSP, SMTP, FTP, PPPoE
Smart Alarm	Motion, Sensor
Storage	SD card local storage, network remote storage
Multi-stream	Yes
Network	10Base-T / 100Base-TX, RJ45
Audio	MIC build in x1 / out x1
AHD / TVI	Yes
Power Source	DC24V
Power Consumption	30W (IR ON)
Dimension (mm)	317 x Φ209
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Housing	IP66 / IK10

* Specifications subject will change without notice.

True WDR Camera

License Plate Camera



WDR OFF



D WDR



T WDR



HS-AHD-H009CH



WDR

WDR wide dynamic processing HD quality assurance

Automatically adjust the brightness according to the surrounding environment to make the picture quality clearer and more realistic



TRUE WDR
WDR ON



WDR OFF

HS-AHD-H009CH	
Pick Up Device	1/2.9" SONY CMOS : 2.0 Mega
Solution	2441H + SONY 291 (STARVIS®)
Resolution	1920(H) x 1080(V)
Video Output	AHD / CVI / TVI / CVBS
S/N Ratio	More than 60 dB
Min. Illumination	0.01 Lux
Lens (mm)	VF 5~50mm
Camera Control	CoC
Electronic Shutter	Auto 1/60 (1/50) ~ 1/100,000 秒
IR Distance	40M
DNR	2DNR / 3DNR
Power Source	DC12V ± 10% / 1A
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)
Dimension (mm)	142 x 136 x 323
Housing	IP66



Safety upgrade

Thermal Sensor Camera

- AHD or TVI (optional)
- 1080P
- Sensitivity $\pm 2^{\circ}\text{C}$
- Detection temperature -40°C to 300°C (-40°F to 572°F)

HD Analog Thermal Camera · HS-T080D8



Product features

- High video quality on HD 1080P
- High accuracy: $\pm 2^{\circ}\text{C}$ [*Note]
(Optimum distance: within 3M)
- Built-in buzzer
- Dry contact: NC / NO
- Support CoC
- 9 mode patterns (including PIP / POP)

Product application scenario

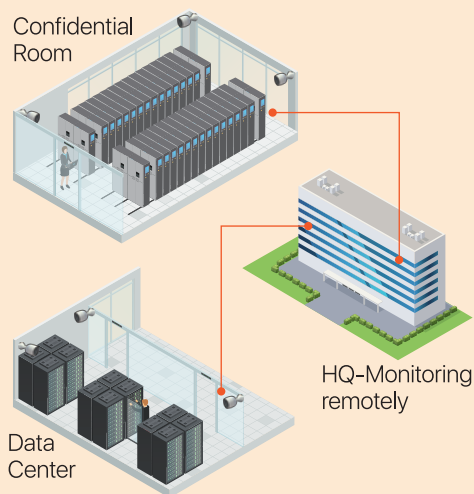
- Fire detection
- Fire prevention
- Temperature detection
- Temperature risk management
- Temperature alarm

Thermal camera		
Lens	Thermal Sensor	Non Cooling type
	Spectral Range/band	7.5 ~ 13 μm
	Thermal Resolution	64 x 48 @2fps (3,000 pixels)
	Measurement distance	Optimum distance: within 3M [*Note]
	Field of View (FOV)	55° x 35°
	Lens	Fixed lens
Measurement	Palette	Full color palette / 3-Tone color wheels / Contrast
	Object detection departure	-40°C to 300°C (-40°F to 572°F)
Analysis	Accuracy	Error $\pm 2^{\circ}\text{C}$ (Center point within 100°C)
	Auto/Heat map detection	The message column shows the maximum / minimum temperature value / center point temperature.
	Atmospheric transmission correction	Auto
	Optical lens transmission correction	Auto
	Emissivity correction	Auto
Standard	Temperature Alarm	YES / via CoC
Optical camera		
Lens	Pick Up Device	1/ 2.8" SONY CMOS
	Resolution	1920(H) x 1080(V) @30fps
	Min. Illumination	0.01 Lux
	Lens(mm)	6
	Aperture	F:2.0
Standard	Image transmission	TVI or AHD (Optional)
	Protocol	CoC
	Alarm trigger	GPIO dry contact (NC / NO)
	Dimension	76.3 x 150mm
	Weight	318g

* Specifications subject will change without notice.

[*Note:] Conditions: Within 3 meters. Target object must be occupied 50% of camera scene.

Application of Thermal Camera



- Data Center: Temperature detection. Surveillance and alarm management.
- Confidential Room: Alarm will be triggered when detecting people entered, fire source, or abnormal temperature.



IP Transmission Solution

The thermal camera can be utilized by HS-H016P6 (Optional)



DVR Solutions

H.264 **H.265** N9000-New Interface

Remote Control, Push Notification, Alarm Setting

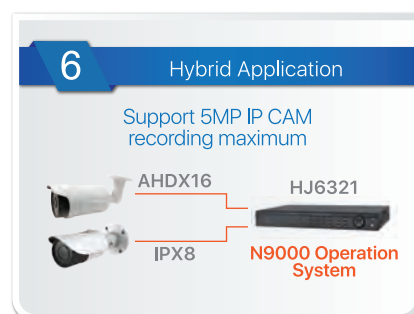
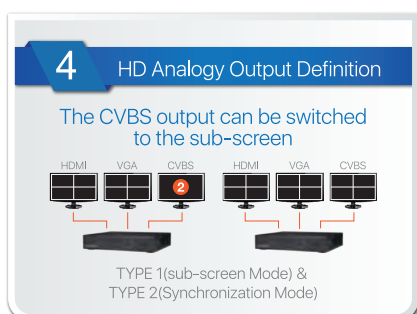
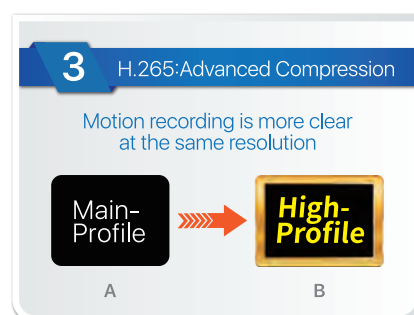
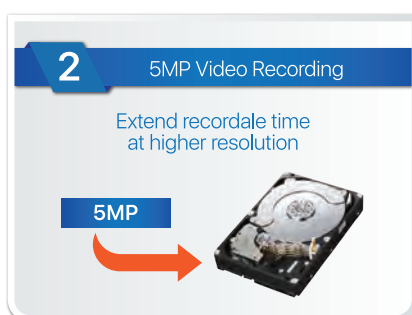
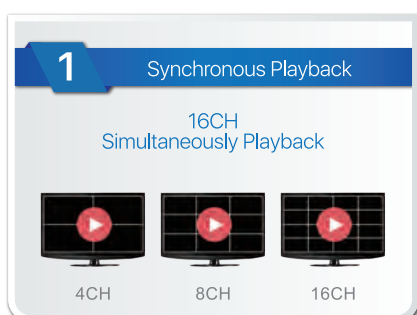
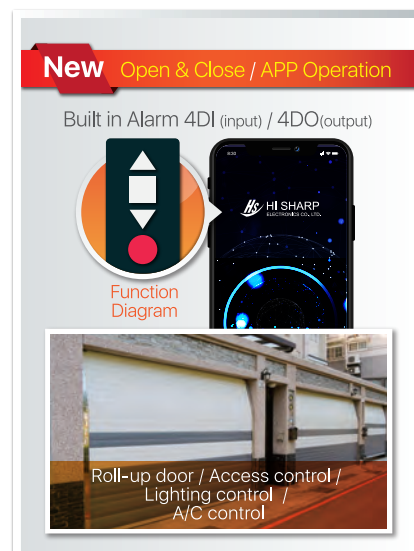
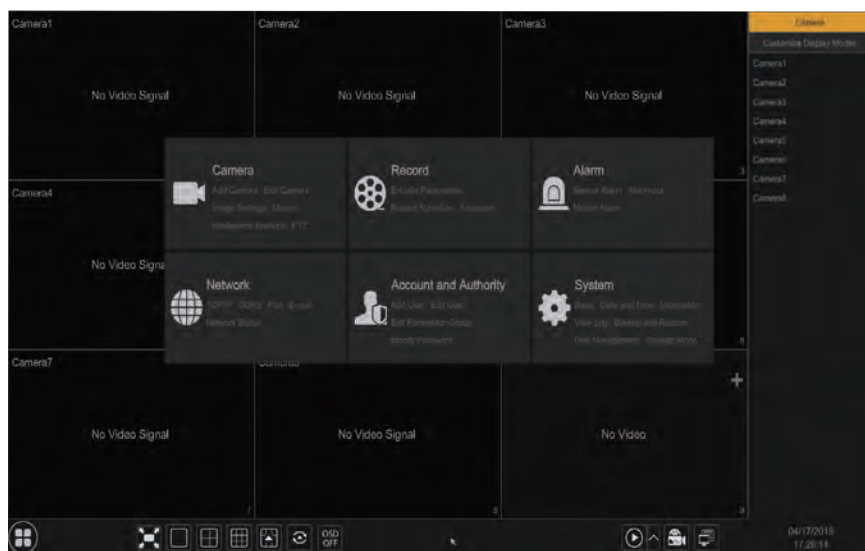


Easy
Installation

Low flow

Intuitive
Operation

Smooth
Setting



DVR / NVR Recording Time Suggestion

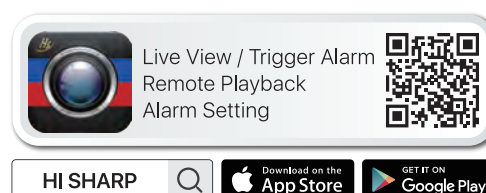
1080P	H.265 / H.264				
Bit Rate	Storage Demand in a Month (30 days)				
	1CH	4CH	8CH	16CH	32CH
1536kbps	≈ 0.63TB	≈ 0.63TB	≈ 5.04TB	≈ 10.08TB	≈ 20.16TB
2048kbps	≈ 0.84TB	≈ 2.52TB	≈ 6.72TB	≈ 13.44TB	≈ 26.88TB
3072kbps	≈ 1.26TB	≈ 3.36TB	≈ 10.08TB	≈ 20.16TB	≈ 40.32TB
4096kbps	≈ 1.65TB	≈ 5.04TB	≈ 13.2TB	≈ 26.4TB	≈ 52.8TB
6144kbps	≈ 2.55TB	≈ 6.6TB	≈ 20.4TB	≈ 40.8TB	≈ 81.6TB
8192kbps	≈ 3.38TB	≈ 10.2TB	≈ 27.04TB	≈ 54.08TB	≈ 108.16TB

Notice : Real Recording Capability will change as the different enviroment.



NVMS 9000 Instructional Video



HI SHARP APP



Hybrid DVR

Series		HK Series				
Picture						
Model		HS-HK4311	HS-HK8311	HS-HK6321	HS-HK6382	HS-HK3382
Input	AHD / TVI / CVI	4CH	8CH	16CH	16CH	32CH
	Max IPC Connection	2CH (Up to 6CH)	4CH (Up to 12CH)	8CH (Up to 16CH)	8CH (Up to 16CH)	8CH (Up to 24CH)
	Total Connection	6CH	12CH	24CH	24CH	40CH
Output	HDMI	1920 x 1080 / 1280 x 1024 / 1024 x 768				
	VGA	1920 x 1080 / 1280 x 1024 / 1024 x 768				
	CVBS	MAIN / SPOT				
Compression Method		H.265 High Profile				
Display Channel		1 / 4 / 9	1 / 4 / 9 / 16		1 / 4 / 9 / 16	1 / 4 / 9 / 16 / 25 / 32
IPC Connection		5MP / 4MP / 3MP / 1080P / 960P / 720P (Automatically adjustment by DVR)				
Recording Resolution (HD Analog)	8MP	-	-	-	-	-
	5MP	-	-	-	-	-
	5MPL	40	80	160	160	320
	4MP	-	-	-	-	-
	4MPL	48(PAL) / 60(NTSC)	96(PAL) / 120(NTSC)	192(PAL) / 240(NTSC)	192(PAL) / 240(NTSC)	384(PAL) / 480(NTSC)
	1080P	48(PAL) / 60(NTSC)	96(PAL) / 120(NTSC)	192(PAL) / 240(NTSC)	192(PAL) / 240(NTSC)	384(PAL) / 480(NTSC)
	720P / 960H / 1080L	100(PAL) / 120(NTSC)	200(PAL) / 240(NTSC)	400(PAL) / 480(NTSC)	400(PAL) / 480(NTSC)	800(PAL) / 960(NTSC)
Recording Resolution (IP)	Resolution	5MP / 4MP / 3MP / 1080P / 960P / 720P				
	Recording Rate	25(PAL) / 30(NTSC) per channel				
Simultaneously Local Playback		4CH	8CH	16CH	16CH	32CH
Recording Mode		Auto / manual / schedule / motion / alarm				
Record Quality		Highest / Higher / Medium / Lower / Lowest				
Playback Mode		Date & Time search / Event search				
Multi-task		Live / Record / Play / Network / Backup				
Motion Detect		22 x18 grids camera for all channel				
Audio		4 input / 1 output	8 input / 1 output	8 input / 1 output	16 input / 1 output	16 input / 1 output
Alarm		4 input / 1 output	8 input / 2 output	16 input / 4 output	16 input / 4 output	16 input / 4 output
Storage		SATA x1 (Support 10TB each)	SATA x1 (Support 10TB each)	SATA x2 (Support 10TB each)	SATA x8 (Support 10TB each)	SATA x8 (Support 10TB each)
Backup		USB 2.0 / Network remote backup				USB 2.0 / USB 3.0 / Network remote backup
E-SATA		-	1	1	1	1
PTZ Control		PELCO-P, PELCO-D, CoC (UTC)				
Mobile Surveillance		iPhone / iPad / Android				
Ethernet		10 / 100 M Base-T			10 / 100 / 1000 M Base-T	
Network-Function		Support licensed CMS / APP/ IE				
Network Connection		TCP / IP, PPPoE, DHCP, DDNS (Auto DDNS)				
Client Application		Display / Playback / Backup / DVR control / PTZ Control				
Power Source		DC12V			AC100V ~ 230V	
Operating Temperature		5°C ~ 40°C (41°F ~ 104°F)				
Operating Humidity		Less than 90%				
Dimension (mm)		300 x 52.1 x 248.4	300 x 52.1 x 248.4		380 x 52.1 x 268.4	

* Specifications subject will change without notice.

DVR Feature

- QR Code P2P connection
- Time slice instant search
- Push notification
- FTP cloud back up
- Private DDNS service
- Push notification
- NVR remote recording
- RTSP streaming
- IP camera recording
- NVMS2.0 lite management
- HI SHARP APP

HM Series			HJ Series			Series	
						Picture	
HS-HM431F	HS-HM831F	HS-HM631F	HS-HJ4311	HS-HJ8321	HS-HJ6321	Model	
4CH	8CH	16CH	4CH	8CH	16CH	AHD / TVI / CVI	Input
6CH (4+2)	12CH (8+4)	16CH (8+8)	2CH (Up to 6CH)	4CH (Up to 12CH)	8CH (Up to 16CH)	Max IPC Connection	
6CH	12CH	24CH	6CH	12CH	24CH	Total Connection	
1920 x 1080 / 1280 x 1024 / 1024 x 768			3840 x 2160 / 1920 x 1080 / 1280 x 1024 / 1024 x 768			HDMI	Output
1920 x 1080 / 1280 x 1024 / 1024 x 768			1920 x 1080 / 1280 x 1024			VGA	
MAIN / SPOT			MAIN / SPOT			CVBS	
H.265 High Profile			H.265 High Profile			Compression Method	
1 / 4	1 / 4 / 9	1 / 4 / 9 / 16	1 / 4 / 9	1 / 4 / 9 / 16	1 / 4 / 9 / 16 / 25	Display Channel	
4MP / 3MP / 1080P / 960P / 720P (Automatically adjustment by DVR)			8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P (Automatically adjustment by DVR)			IPC Connection	
-	-	-	24(PAL) / 28(NTSC)	48(PAL) / 56(NTSC)	96(PAL) / 12(NTSC)	8MP	Recording Resolution (HD Analog)
-	-	-	48	96	192	5MP	
40	80	160	80	160	320	5MPL	
-	-	-	48(PAL) / 60(NTSC)	96(PAL) / 120(NTSC)	192(PAL) / 240(NTSC)	4MP	
48(PAL) / 60(NTSC)	96(PAL) / 120(NTSC)	192(PAL) / 240(NTSC)	100(PAL) / 120(NTSC)	200(PAL) / 240(NTSC)	400(PAL) / 480(NTSC)	4MPL	
48(PAL) / 60(NTSC)	96(PAL) / 120(NTSC)	192(PAL) / 240(NTSC)	100(PAL) / 120(NTSC)	200(PAL) / 240(NTSC)	400(PAL) / 480(NTSC)	1080P	
100(PAL) / 120(NTSC)	200(PAL) / 240(NTSC)	400(PAL) / 480(NTSC)	100(PAL) / 120(NTSC)	200(PAL) / 240(NTSC)	400(PAL) / 480(NTSC)	720P / 960H / 1080L	Recording Resolution (IP)
4MP / 3MP / 1080P / 960P / 720P			8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P			Resolution	
25(PAL) / 30(NTSC) per channel			25(PAL) / 30(NTSC) per channel			Recording Rate	
4CH	8CH	16CH	4CH	8CH	16CH	Simultaneously Local Playback	
Auto / manual / schedule / motion / alarm			Auto / manual / schedule / motion / alarm			Recording Mode	
Highest / Higher / Medium / Lower / Lowest			Highest / Higher / Medium / Lower / Lowest			Record Quality	
Date & Time search / Event search			Date & Time search / Event search			Playback Mode	
Live / Record / Play / Network / Backup			Live / Record / Play / Network / Backup			Multi-task	
22 x18 grids camera for all channel			22 x18 grids camera for all channel			Motion Detect	
1 input / 1 output			4 input / 1 output	8 input / 1 output	8 input / 1 output	Audio	
-			4 input / 1 output	8 input / 2 output	16 input / 4 output	Alarm	
SATA x 1 (Support 10TB each)			SATA x 1 (10TB)	SATA x 2 (Support 10TB each)		Storage	
USB 2.0 / Network remote backup			USB 2.0 / Network remote backup			Backup	
-			1			E-SATA	
PELCO-P, PELCO-D, CoC (UTC)			PELCO-P, PELCO-D, CoC (UTC)			PTZ Control	
iPhone / iPad / Android			iPhone / iPad / Android			Mobile Surveillance	
10 / 100 M Base-T			10 / 100 M Base-T	10 / 100 / 1000 M Base-T		Ethernet	
Support licensed CMS / APP/ IE			Support licensed CMS / APP/ IE			Network-Function	
TCP / IP, PPPoE, DHCP, DDNS (Auto DDNS)			TCP / IP, PPPoE, DHCP, DDNS (Auto DDNS)			Network Connection	
Display / Playback / Backup / DVR control / PTZ Control			Display / Playback / Backup / DVR control / PTZ Control			Client Application	
DC12V			DC12V			Power Source	
5°C ~ 40°C (41°F ~ 104°F)			5°C ~ 40°C (41°F ~ 104°F)			Operating Temperature	
90% 以下			90% 以下			Operating Humidity	
255 x 42 x 233			300 x 52.1 x 248.4	380 x 52.1 x 268.4		Dimension (mm)	

Accessories installation and application

HI SHARP One stop shopping total solution

Accessories

Video Balun

Support

AHD / TVI / CVI

4MP-200M

1080P-250M

720P-400M

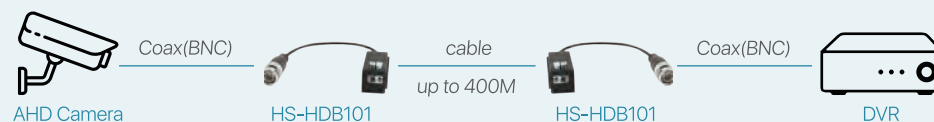
01

Push-terminal type

HS-HDB101 (Photos means 2pcs=1 pair)



- DVR side recommended
- Patent connecting slot
- Plug and Play
- Build-in ESD protection
- Anti-surge
- Non-recycle material

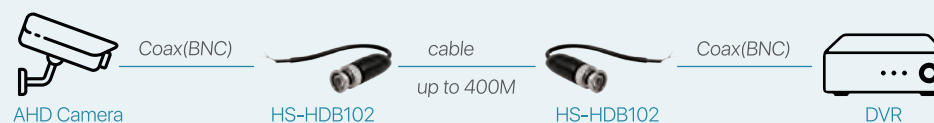


Weatherproof type

HS-HDB102 (2pcs=1 pair)



- Camera side recommended
- BNC joint integration
- Plug and Play
- Build-in ESD protection
- Non-recycle material

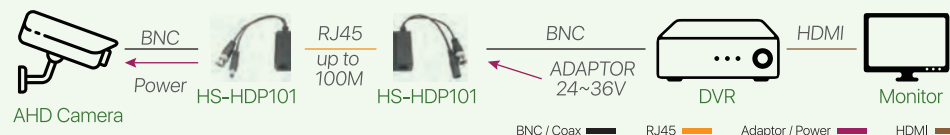


1 channel with power

HS-HDP101
(Pair per set)



- No extra power needed on camera side
- DC24V~36V needed
- Build-in ESD protection
- Non-recycle material



4 in 1 Economic type

HS-HDB401



- DVR side recommended
- Single RJ45 or split connect
- Plug and Play
- Build-in ESD protection
- Non-recycle material



Accessories

Surge Protection

02

Economic type

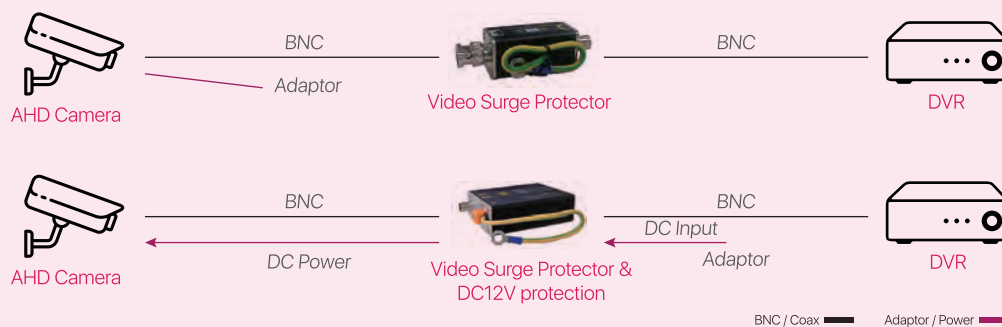
HS-SGP101



- Standard: IEC61643-21:2000
- Multilevel protection: Overvoltage protect, large Flow capacity, low limiting voltage, faster Response, less Insertion loss
- Ground connection: directly to ground
- Nice Design, mini size, easy to install

Advanced type

HS-SGP101



Weatherproof type

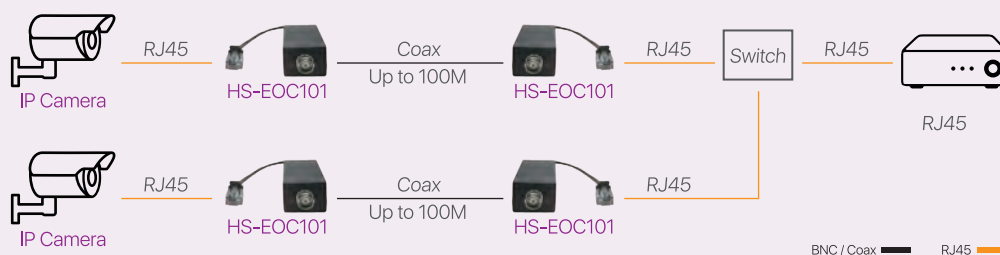
HS-EOC101
(Pair per set)

- Transmit IP camera signal over existing coaxial cable
- Transmission Rate/Bandwidth: 10Mbps
- Transmission distance: max up to 100M
- Full duplexer transmissions
- Built-in Surge Protection
- Plug and play, without any configuration
- Passive device, no power required

Ultra convenient type

HS-EOC102
(Pair per set)

- Transmit IP camera signal over existing coaxial cable
- Support multi-point access, which connect up to 8pcs IP cameras or other IP devices over single cable
- Transmission Rate/Bandwidth: 90~10Mbps (depends on coaxial cable distance)
- Long transmission: up to 1200m
- Conforms to IEEE802.3i 10Base-T and IEEE802.3low control
- Plug and play, without any configuration
- DV12V 1A power supply



Accessories

IP over Coaxial

Coaxial cable
standard
5C2V/3C2V

03

Accessories installation and application

HI SHARP One stop shopping total solution

Accessories

POE SWITCH

Power adapter with
over load /
over temperature /
over bolt protection
Separate circuit for
POE and D.C.
IEEE802.3,
IEEE 802.3u,
IEEE802.3af,
IEEE802.3at standard

04

Ultra convenient type

HS-PSW402



- L2 Full managed
- Total 150W power supply
- 8x10/100/1000Mbps POE
- 2x10/100/1000Mbps, SFP ports

HS-PSW802

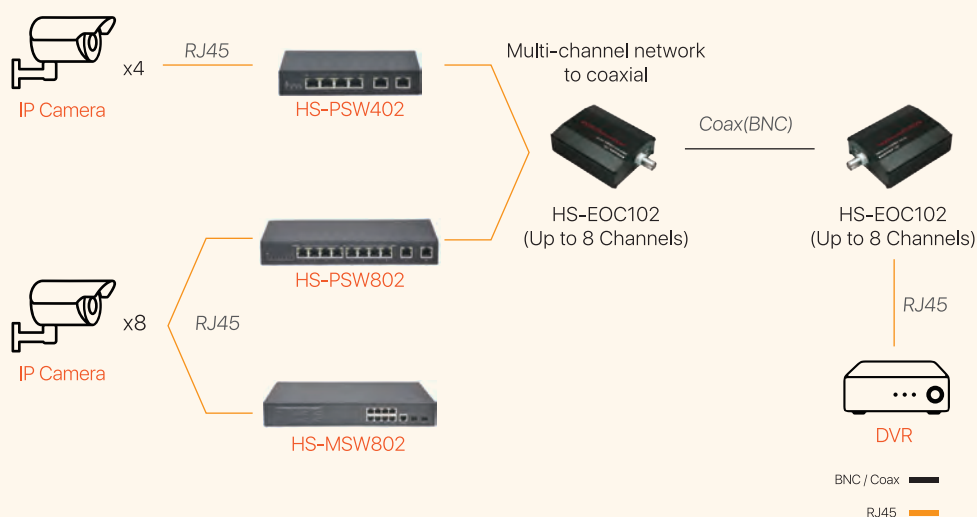


- Total 65W power supply
- 4x10/100Mbps POE
- 2x10/100Mbps, RJ45 ports

HS-PSW162



- Total 270W power supply
- 16x10/100Mbps POE
- 2x10/100/1000Mbps COMBO ports



Professional type

HS-MSW802



- Total 96W power supply
- 8x10/100Mbps POE
- 2x10/100/1000Mbps, RJ45 ports

HS-MSW162



- L2 Full managed
- Total 270W power supply
- 16x10/100/1000Mbps POE
- 2x10/100/1000Mbps SFP ports



Control Keyboard



Model	HS-CK303	HS-CK302	HS-CK301
Control Interface	USB 2.0	RJ45	RS485
Control Address	-	255 DVR, speed dome and decoder can be controlled	
Distance	3M	100M	1200M
RS485 speed rate	-	1200 / 2400 / 4800 / 9600 / 19200	
ID Group	-	16 users	
Operation mode	NVMS	Platform or Device	Device
Dimension (mm)	144 x 184 x 108	420 x 260 x 170	
Weight	1kg	2.8kg	
Power Source	DC 12V		
Operating Temperature	-10°C ~ 60°C (14°F ~ 140°F)		

Audio Capture Device



- High-sensitivity omni-directional microphone for clear, natural sound
- Power polarity switching protection and static protection
- Radio range 3~45 square meters

Model	HS-H019Y0
Sensitivity	-40 dB
Resistance	2.2KΩ
Directivity	360° degree omnidirectional
S/N Ratio	58 db
Power Source	DC8-14V
Power Consumption	0.1W (Max)
Current Consumption	10mA (Max)
Operating Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Storage Temperature	-25°C ~ 85°C (-13°F ~ 185°F)
Dimension (mm)	24 x 24 x 13
Weight	20g

SEAGATE SKYHAWK Hard Disk

Your Data is **Secure**

- ✓ All recovery labs are secured 24x7 with physical monitoring and virtual security measures
- ✓ All client data are stored behind locked doors protected with biometric scanners
- ✓ All returned data, whether on cloud or on hard drive, are encrypted

Your Plan for **Data Recovery**

Seagate's Rescue Plans provide affordable data recovery plans for your every need and device.

- ✓ Single plans, Covers a single storage media device of any type and brand. 2-and 3-year plans are available.
- ✓ Family plans, Covers up to five storage media devices under one plan. 2- and 3-year plans are available.



Capacity	1TB	2TB	4TB
Model	ST1000VX005	ST2000VX008	ST4000VX007
Capacity	6TB	8TB	10TB
Model	ST6000VX0023	ST8000VX0022	ST10000VX0004

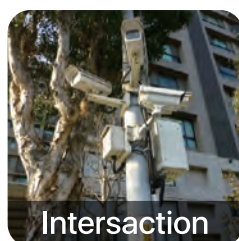
4G WiFi

ALL IN ONE SOLUTION

Crime prevention
create a safe and secure environment

HS-HM5312

CAMERA + DVR



Wi-Fi ALL IN ONE

Mobile camera + DVR

Simplify
Installation

Unmanned
Management

Anti-Surge
Vandal Proof Design

Model		HS-HM5312
Video Output		AHD / CVBS / TVI / CVI
Storage		SSD or HDD (Max 2TB)
Recording Standard	Recording Mode	Auto / Normal / Schedule / Motion / Alarm
	Resolution AHD+TVI+960H	5MP Lite / 4MP Lite / 1080P (1920×1080) / 720P (1280×720) / 960H (960×480)
Recording IP	Recording	IP 1080P / 720P / D1 / 960H
	Maximum Framerate	25 FPS (PAL), 30 FPS (NTSC)
Network	Method	Wi-Fi / 4G router
	Viewer	CMS / APP / IE
Image Compression		H.264 High profile
Power Source		AC100 ~ 240V (full range), 50Hz / 60Hz
Camera Power Supply		36W
Housing		IP66
Dimension (mm)		257 x 256 x 110 mm
Weight		6.2kg

* 型錄規格以現成產品為準，內容若有變動恕不另行通知。

High resolution display

30 years of visual image integration technology and experience



100% Taiwan
3 Year Warranty

ODM OEM
Excellent Image Technology

CCTV Solution

Integrated All In 1 System (DVR) / LCD Monitor

17" / 5:4	19" / 5:4	19" / 16:9	22" / 16:9	7" Test Monitor
HS-ML1764	HS-ML1964	HS-ML19W4	HS-ML22W4	HS-TM076P
				
250 cd / m ²	250 cd / m ²	250 cd / m ²	250 cd / m ²	
IN : HDMI / VGA / CVBS	IN : HDMI / VGA / CVBS	IN : HDMI / VGA / CVBS	IN : HDMI / VGA / CVBS	
CVBS looping out	CVBS looping out	CVBS looping out	CVBS looping out	
Audio In x 2	Audio In x 2	Audio In x 2	Audio In x 2	
USB Media	USB Media	USB Media	USB Media	
15W Power consumption	22W Power consumption	16W Power consumption	22W Power consumption	
HS-ML1776	HS-ML1976	HS-ML19W6	HS-ML22W6	
				
250 cd / m ²	250 cd / m ²	250 cd / m ²	250 cd / m ²	
IN : HDMI / VGA / CVBS	IN : HDMI / VGA / CVBS	IN : HDMI / VGA / CVBS	IN : HDMI / VGA / CVBS	
Audio In x 1	Audio In x 1	Audio In x 1	Audio In x 1	
15W Power consumption	20W Power consumption	15W Power consumption	20W Power consumption	
				Touch panel
				4K IP / 8MP TVI / 5MP AHD
				AHD / TVI / CVBS / CVI
				PTZ test
				USB media play
				ONVIF connection
				APP extension
				PoE supply