

**Hanse SECUS** | (주)한세씨큐스



**SECUS**  
Best Security System Service

# OUR COMPANY



A 인천광역시 남동구 남촌동 629-1 남동공단 42B-2L

T 032-814-8784

F 032-812-8784

# OUR CERTIFICATION



# HISTORY

## 1998-2009

1998.03  
Established HANSE ENGINEERING

2002.01  
Registered as a subcontractor of KOCOM Co.,Ltd

2004.11  
Developed Camera Modules and CCTV cameras and started production  
Moved to 157BL-2L NAMDONG INDUSTRIAL COMPLEX

2005.05  
Changed the manufacturing process to PBFREE PCB ASS' Y

2007.11  
Moved to 33B-4L NAMDONG  
INDUSTRIAL COMPLEX

2009.07  
Converted to limited company, HANSE ENGINEERING Co., Ltd

## 2010-2011

2010.06  
Rear Camera developed for cars

2010.12  
Acquired "CLEANWORKPLACE" Approval  
(Korea Occupational Safety and Health Agency)

2011.05  
Obtained Venture Company Certification  
by Korea Technology Finance Corporation

2011.06  
Developed 270,000pixel and 410,000pixel CCD CCTV Camera

2011.07  
Developed 600TVL CCD CCTV Camera

2011.10  
First and Second factory moved to own company  
building,42BL-2LNAMDONG INDUSTRIAL COMPLEX

2011.11  
Launching own-brand, SECUS

2011.12  
Established R&D Laboratory

## 2012-2018

2012.01  
Opened Website ([WWW.SECUS.CO.KR](http://WWW.SECUS.CO.KR))

2012.02  
Developed FULL HD High-Resolution CCTV CAMERA

2012.03  
Started Enterprise Resource Planning System

2012.10  
Launching own-brand, SECUS

2013.04  
Acquired ISO 9001

2013.07  
Acquired CE

2014.03  
Developed Full Sony Module Effio-V/Effio-A

2014.08  
Developed Analogue HD CVI/TVI/AHD

2015.04  
Got a patent of Home Network & Kitchen TV System

2018.04  
Change company name : HANSE SECUS  
Change of representative : CEO YEONG SIK RYOU

2018.05  
Registered as a subcontractor of Seohee Construction Co.,Ltd

# INDEX



Smart Home System  
[Home Network / Home Automation]

01

Ufacekey  
[Face Recognition]

02

Smart Door Lock

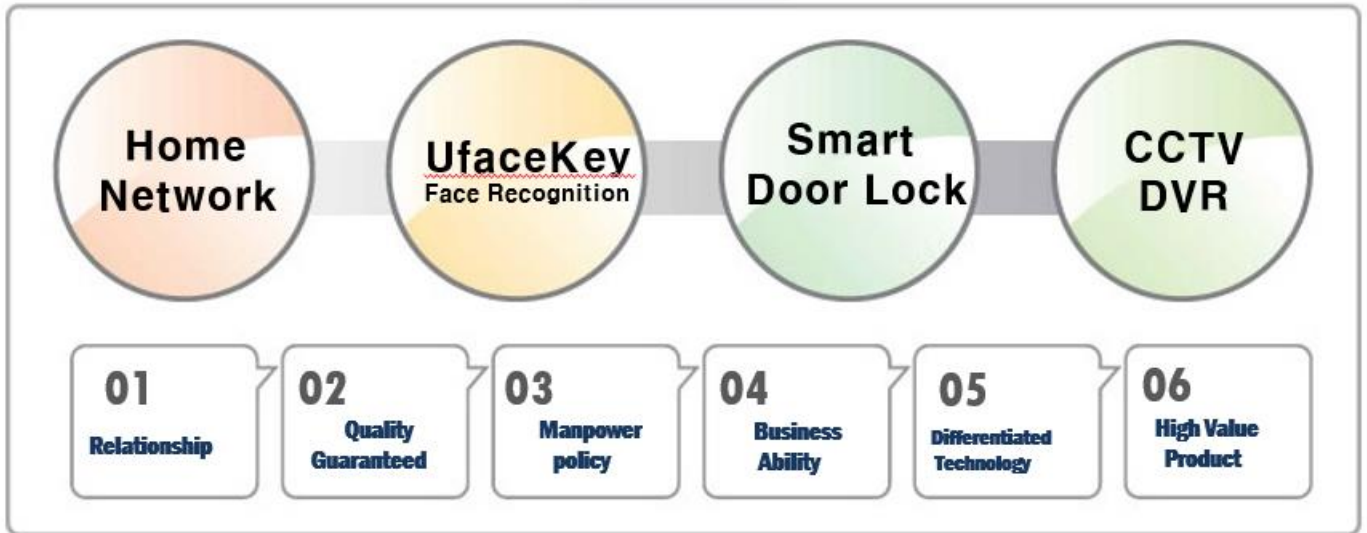
03

CCTV SYSTEM

04



Becoming Global No.1 Video Security Equipment Company

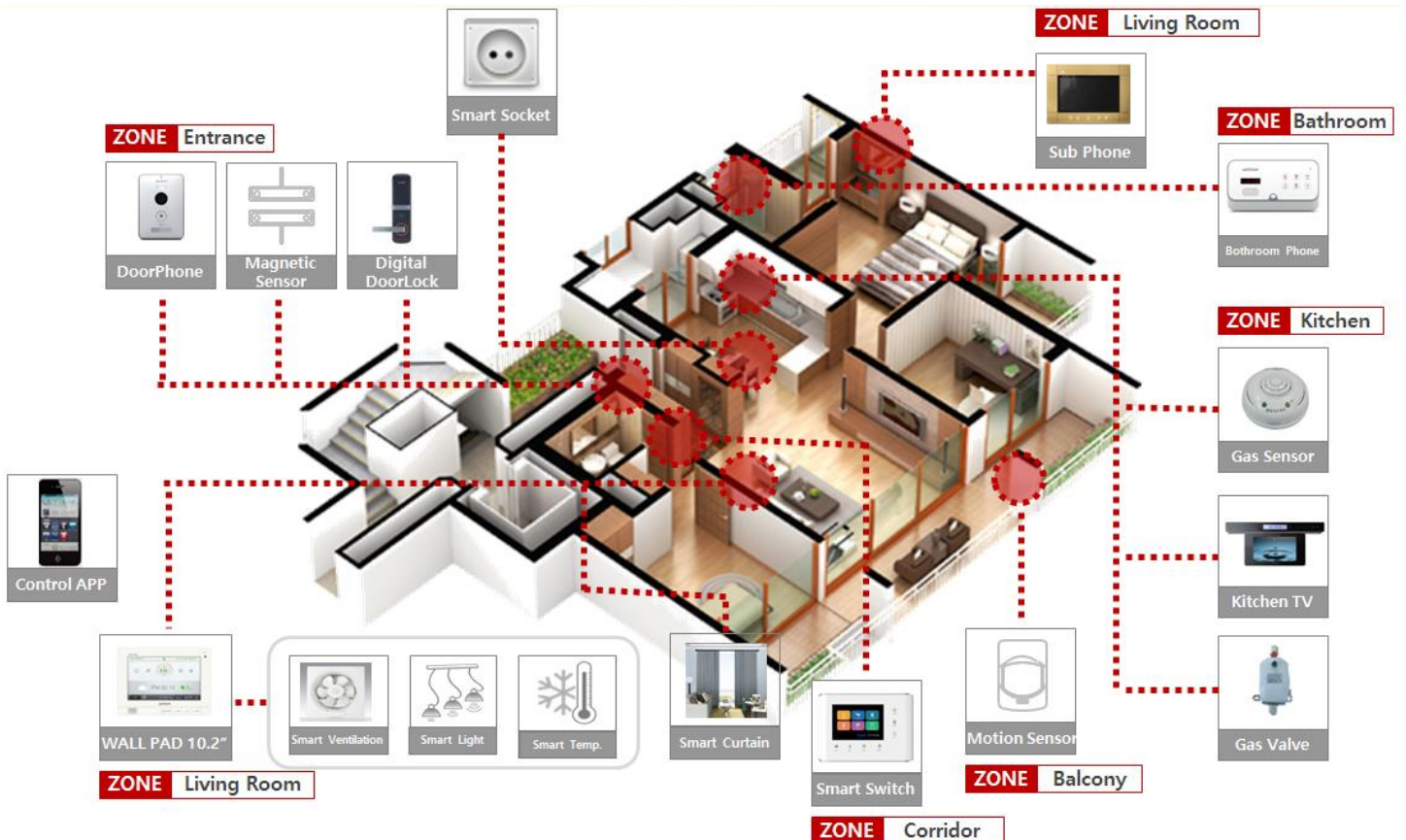
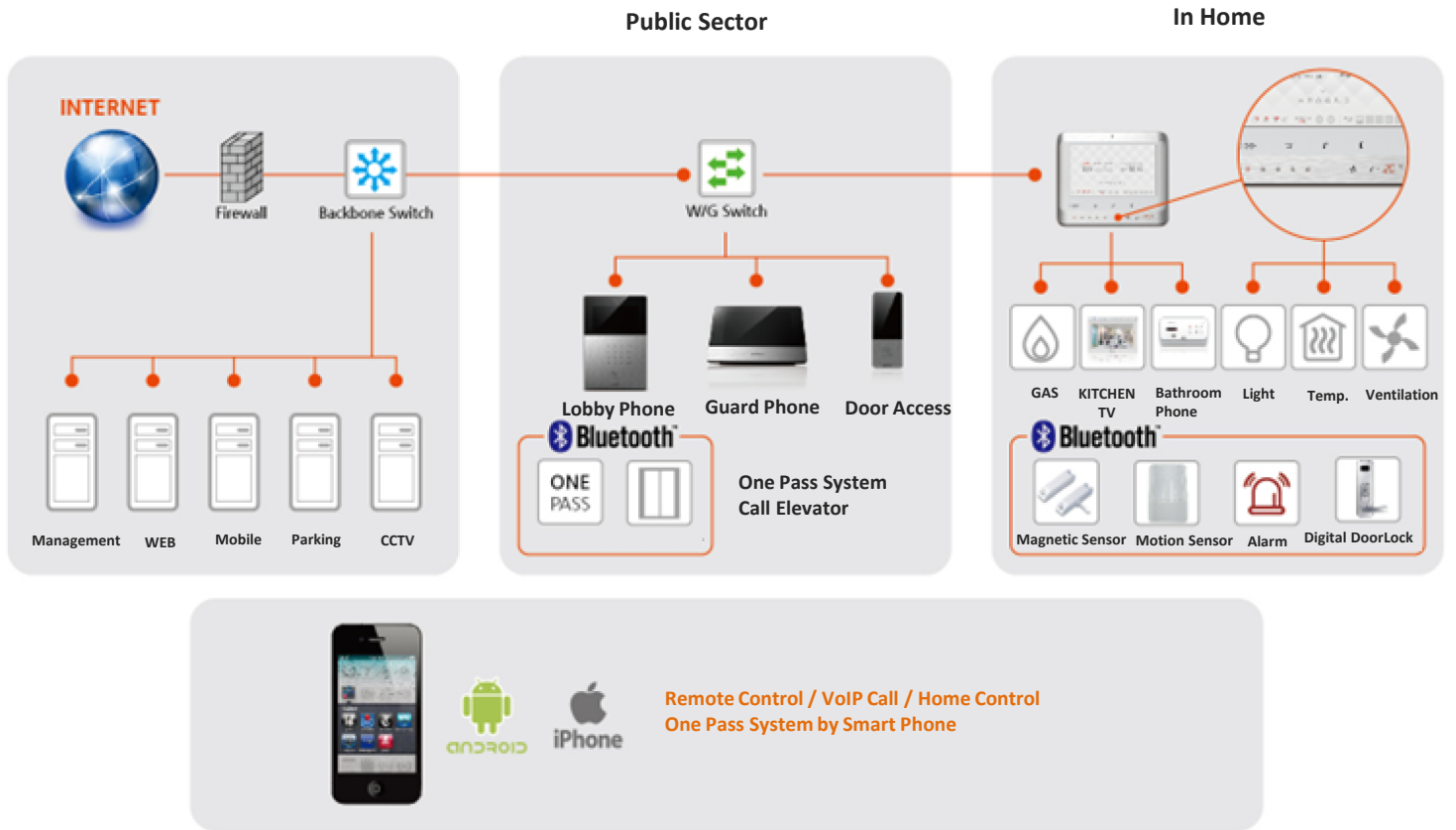


SECUS Best Security System





## DIAGRAM



## WALL PAD



### Specifications

- Dimension : 290(W) x 240(H) x 16(D) / 10" TFT LCD
- Terminal Box Dimension : 353(W) x 261(H) x 100(D)
- OS : Android OS / RAM 256MB
- User Interface : GUI, Hot Key
- VoIP : SIP V2.0

### Function

- **Call**
  - Access control of visitor with video call
  - Residence to Residence & Residence to Guard Post(VoIP)
- **Home Control**
  - Remote Control : By internet, smartphone(App)
  - Home Device Control : Light, Gas, Thermostat etc.
  - Leaving, Sleeping Mode & Scheduling



### Specifications

- Dimension : 290(W)\*206(H)\*13(D) mm / 10" TFT LCD
- Terminal Box Dimension : 344(W) x 256(H) x 100(D)mm
- OS : Android OS
- RAM / ROM : 256MB / 256MB
- VoIP : SIP V 2.0

- **Security**
  - Recording visitor video while being absent
  - Notification emergency event to Guard Post and user phone
  - To monitor CCTV (DVR interface)
  - Alarming inflow&outflow of registered car and history reference (Parking Control Server Interface)
- **Other Functions & Service**
  - Customizing mode and scheduling
  - Voice recording and retrieving
  - Contents (weather, telephone no., anniversary etc)
- **Energy Saving**
  - Energy Consumption History (ARM interface)

## DOOR PHONE

### Specifications

- Dimension : 100(W) x 150(H) x 17(D)
- Terminal Box Dimension : 100(W) x 100(H) x 54(D)

### Function

- **Call**
  - Call to Wallpad
  - Voice Recording
- **Door Lock Control(Optional)**
  - With wireless module installed onto door lock, door lock communicates with Wallpad and door phone to control door lock
- **Safety Function(Optional)**
  - Event Alarming in case of Emergency at home



## LOBBY PHONE



### Specifications

- Screen Size : 10" TFT LCD
- OS : Android OS
- RAM / ROM : 256MB / 256MB
- User Interface : Key Matrix, RF Card, Bluetooth
- Terminal Box Dimension : 100(W) x 100(H) x 54(D)

### Function

- **Call**
  - Call to Residence/Guard Post/Control Center
  - Voice Recording
- **Access Control**
  - RFID Card, Password authorization
  - Access control with Bluetooth (One-Pass Function)
  - Interface with Auto-Door, it has a contact to receive open-signal from fire sensor in case of fire event
- **Others**
  - Public notice displays on screen
  - Advertising displays on screen
  - Delivery Notice to residents if any(Courier Service Interface)

## Smart Switch / Bathroom Phone



### Specifications

- Size : 165 \* 120 \* 12
- Display : TFT – LCD
- RS 485
- Capacitive Sensing Touch Screen

### Function

- Total Service; Security, Gas control, Parking Alarming, Temperature/Weather info.
- Calling a Elevator
- Voice Guidance
- Display UI



### Specifications

- Size : 163(W) x 92(H) x 58 (D)
- All in One(toilet paper holder)(terminal box provided holder company)
- Voltage Rating : DC 12V (from WallPad)
- Color : White/Black

### Function

- Answer a Call
- Emergency Alarm
- Digital Clock
- Checking Visitor/Access Control
- Daily Life Waterproof
- Sensor Light
  - Motion Sensor Light
  - Sensor Light ON / OFF Function

## Smart KITCHEN TV



### Specifications

- Place on Kitchen Cupboard
- Size : 270(W) x 37(H) x 247(D)
- LCD Size : 270(W) x 165(H) x 13(D)
- Standby Power : 4.7 W
- Power : 12W
- Speaker : 3W X 2 (Stereo)

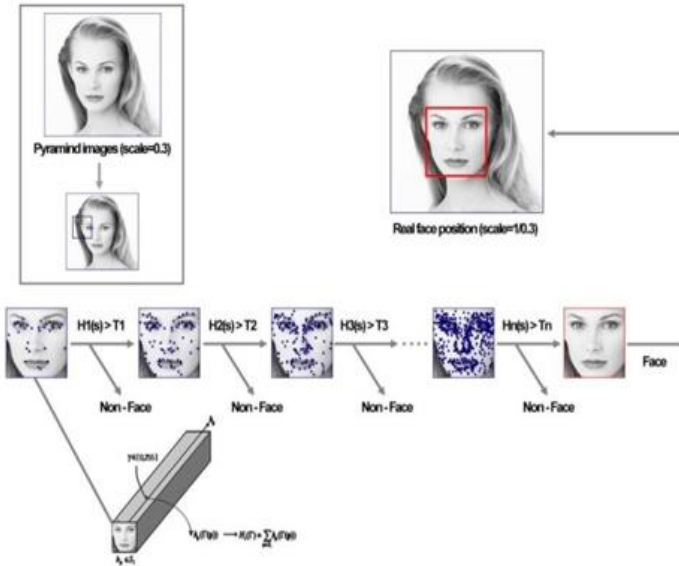
### Function

- 10.1" TFT LCD (1024 \* 600) / Touch Screen
- Digital TV (OSD,EPG), Digital Clock displays in standby mode
- Digital Clock, Hotkey function(Call, Access Control)
- Adjust Monitor Viewing Angle
- Monitor Viewing Angle : Left, Right, Up 70 degree, Down 50 degree
- Checking Visitor/Access Control
- Answer a Call
- Operate a Remote Control
- Media, ePhoto Album, MP3 Play, Digital Radio



## A scene from Movie now becomes a reality. [Face Recognition IoT Robot, Ufacekey.]

A biometric method that automatically identifies a person using facial features among digital images inputted through a camera



### Face Recognition

- Face recognition in less than 0.5 seconds by non-contact method
- Biometrics technology that can be applied in various environments and will be used mainly in future security systems
- The most attractive recognition method among biometrics in convenience and security
- No cloning and loss concerns
- Accurate recognition in dark environments using infrared cameras
- Easy to use without contact (Prevent infectious disease by contact)
- Noted as a next generation biometrics method due to the problem of fingerprint recognition

### Verifying Identical Twins – FiveGT Technology Only



## Ufacekey Face Recognition Advantages

1 Feature 1	2 Feature 2	3 Feature 3	4 Feature 4	5 Feature 5	6 Feature 6
<p><b>Ease of Use</b></p> <p>Fast Recognition Time</p>	<p><b>Complete Security</b></p> <p>Crime Prevention</p>	<p><b>Insure Security</b></p> <p>Prevention of duplication &amp; loss</p>	<p><b>Wellbeing of Family</b></p> <p>Parents, Children</p>	<p><b>Cost Saving</b></p> <p>Provide Solution</p>	<p><b>Operations Support</b></p> <p>Development Support</p>
<ul style="list-style-type: none"> <li>✓ Look at the camera</li> <li>✓ At 50~80cm distance</li> <li>✓ Make-up, OK</li> <li>✓ Glasses, OK</li> <li>✓ Wearing hat, OK</li> <li>✓ Darkness, OK</li> <li>✓ Fast Recognition in 1sec</li> </ul>	<ul style="list-style-type: none"> <li>✓ Automatic sensing</li> <li>✓ Night and Day</li> <li>✓ Automatic Photo</li> <li>✓ Visitor's face verification</li> <li>✓ Take a photo of Thief/robber</li> <li>✓ Crime Prevention (Optional)</li> <li>✓ Remote control of Siren/flashing light</li> </ul>	<ul style="list-style-type: none"> <li>✓ No need of key</li> <li>✓ No need of password</li> <li>✓ No need of contact</li> <li>✓ Protection of cam</li> <li>✓ Face is a key</li> <li>✓ Infrared light verification</li> <li>✓ No replication</li> <li>✓ No verification of Photo/video</li> <li>✓ Tempered glass</li> </ul>	<ul style="list-style-type: none"> <li>✓ Visitor photo send</li> <li>✓ Grandkid voice Service</li> <li>✓ Message Service</li> <li>✓ Face recognition of families</li> <li>✓ Smartphone service</li> <li>✓ Check visitor</li> <li>✓ Check access time</li> <li>✓ Remote access control</li> </ul>	<ul style="list-style-type: none"> <li>✓ Self security</li> <li>✓ Provide inter-working program</li> <li>✓ Storing log data</li> <li>✓ Easy registration (10secs)</li> <li>✓ Inter-working program</li> <li>✓ Time attendance management</li> <li>✓ Access control</li> <li>✓ Standard protocol</li> <li>✓ Save development cost</li> </ul>	<ul style="list-style-type: none"> <li>✓ KC Certification</li> <li>✓ Electromagnetic waves test</li> <li>✓ Environmental test</li> <li>✓ Output Port</li> <li>✓ TCP/IP</li> <li>✓ RS-485,232</li> <li>✓ USB -Data</li> <li>✓ GUI manual</li> <li>✓ Installation manual</li> <li>✓ User's manual</li> </ul>

# Ufacekey[Face Recognition]

**SECUS**



**GTFR-5000  
(Exposed)**

**Access control  
For office**



**GTFR-6000H/6000S  
(Built-In/Exposed)**

**Access control  
For Home**

## COMPLETE SECURITY

- It is not possible to access by photos or video.
- It takes photos of suspicious strangers and sends them to your smartphone in real time.



## CONVENIENT ACCESS

- If you show your face without any contact, the door opens within 1 second.



## SAFE RETURNING HOME SERVICE

- You can check whether your parents or young children have arrived home safely.



**Verifying Twins**



**Fast recognition speed  
(Less than 1 sec.)**



**Visitor check by smartphone and  
remote open option by using IoT**



**Accurate authentication  
regardless of wearing glasses**



**Rejecting Images in photos  
and videos  
[Patent]-Biometrics**



**Effective crime prevention  
(Identifying visitors with images of log)**



**Recognition in dark  
[Patent] – Infrared camera**



**Convenience of  
contactless access**



**Time attendance  
Access control system**

# Smart Door Lock

**SECUS**



- 3 way access methods(RF Card, Pin number, Emergency key)
- Durable body using metallic material
- Automatic lock / Re-lock / Double and functions
- Safe to use the pin number with dummy number
- Multiple volume control / optional mute
- Multi-registrations for pin-number & electronic key
- Anti high-voltage / anti fireproof / anti-hacking system
- Connectivity with home network system using remote controller(Optional)
- Emergency power(9V square battery)



- 4 way access methods(RF Card, Pin number, Finger, Mechanical Key)
- Durable body using metallic material for protecting against high temp. and shock
- Fire Proof architecture
- High Temp. detection, alert and automatic unlocking
- Multi-Layered authentication (Pin number/RF Card/Finger)
- Automatic lock / Re-lock / Double and functions
- Safe to use the pin number with dummy number
- Anti high-voltage / anti fireproof / anti-hacking system
- Connectivity with home network system using remote controller(Optional)
- Emergency power(9V square battery)
- Pull-Push Option

## 5MP FULL SONY IP CAMERA

### FULL 5MP SONY SOLUTION (Xarina DSP + Starvis Sensor)

- 1/1.8" Sony Starvis 6.38Mega Pixel Image Sensor
- Max 15pfs @ 2560x1920
- Quad Stream
- Support Onvif
- Support PoE
- 6MP Motorized 3.6~11mm VF Lens
- Support Audio/Alarm

			
<b>HIP-AB5</b>	<b>HIP-HD530VIR</b>	<b>HIP-HV532VIR</b>	<b>HIP-HP542VIR</b>
▶ C/CS Mount Lens (not included)	▶ 3.6~11mm Motorized VF Lens ▶ 30m IR Distance	▶ 3.6~11mm Motorized VF Lens ▶ 30m IR Distance ▶ IP 68 Waterproof	▶ 3.6~11mm Motorized VF Lens ▶ 40m IR Distance ▶ IP 68 Waterproof
			
<b>HIP-HP560EVIR</b>	<b>HIP-AP5VIRH</b>	<b>HIP-HH584VIR</b>	
▶ 3.6~11mm Motorized VF Lens ▶ 60m IR Distance ▶ IP 68 Waterproof	▶ 3.6~11mm Motorized VF Lens ▶ 70m IR Distance ▶ IP 68 Waterproof	▶ 3.6~11mm Motorized VF Lens ▶ 80m IR Distance ▶ IP 66 Weatherproof	

## 3MP FULL SONY IP CAMERA

### FULL 3MP SONY SOLUTION (Xarina DSP + Starvis Sensor)

- 1/2.8" Sony Starvis 3.21Mega Pixel Image Sensor
- Max 30pfs @ 2048x1536
- Quad Stream
- Support Onvif
- Support PoE
- 3MP Motorized 2.8~11mm VF Lens (3MP Fixed Lens/5~50mm VF Lens available)
- Support Audio/Alarm



			
<b>HIP-AB3</b>	<b>HIP-HD330VIR</b>	<b>HIP-HV332VIR</b>	<b>HIP-HP342VIR</b>
▶ C/CS Mount Lens (not included)	▶ 3.6~11mm Motorized VF Lens ▶ 30m IR Distance	▶ 3.6~11mm Motorized VF Lens ▶ 30m IR Distance ▶ IP 68 Waterproof	▶ 3.6~11mm Motorized VF Lens ▶ 40m IR Distance ▶ IP 68 Waterproof
			
<b>HIP-HP360EVIR</b>	<b>HIP-AP3VIRH</b>	<b>HIP-HH384VIR</b>	
▶ 3.6~11mm Motorized VF Lens ▶ 60m IR Distance ▶ IP 68 Waterproof	▶ 3.6~11mm Motorized VF Lens ▶ 70m IR Distance ▶ IP 68 Waterproof	▶ 3.6~11mm Motorized VF Lens ▶ 80m IR Distance ▶ IP 66 Weatherproof	

## H.265 WDR 2MP SONY IP CAMERA

### FULL 2MP SONY SOLUTION (HiSilicon DSP+ WDR Starvis Sensor IMX290)

- 1/2.8" Sony Starvis 2.07Mega Pixel Image Sensor
- Max 30pfs @ 1920x1080
- H.265
- Real WDR function
- Triple Stream
- Support Onvif
- Support PoE
- 3MP Motorized 2.8~11mm VF Lens (3MP Fixed Lens/5~50mm VF Lens available)

## PREMIUM NVR

Type	Model	Picture	Channel	Recording	Max. HDD Bay
PoE NVR	HVR-F504		9CH (4CH PoE + 5CH Non-PoE)	270fps@1080p(up to 4K)	1xHDD
	HVR-F508		9CH (8CH PoE + 1CH Non-PoE)	270fps@1080p(up to 4K)	4XHDD
	HVR-F516		16CH (8CH PoE + 8CH Non-PoE)	480fps@1080p(up to 4K)	
	HVR-F616		16CH (16CH PoE)	480fps@1080p(up to 4K)	
NVR	HVR-F736		36CH	1080fps@1080p(up to 4K)	4XHDD (8xHDD option)
	HVR-F764		64CH	1920fps@1080p(up to 4K)	12XHDD

# PREMIUM/ADVANTAGE All-In-One SYSTEM SECUS

## 4MP PREMIUM ALL-IN-ONE CAMERA

-1/2.7" 5.2Mega pixel CMOS (Progressive)  
 -2560x1440p@30fps **EX-SDI/HD Analog Solution**  
 -Real WDR (Wide Dynamic Range)  
 -2D & 3D Digital Noise Reduction  
 -True Day & Night  
 -UTC function for All Solutions



**SHB-4AT**

▶ C/CS Mount Lens(not included)



**SHD-2A30IR**

▶ 2.8-12mm Motorized VF Lens

(Fixed Lens available)

▶ 30m IR Distance



**SHV-2A32IRP**

▶ 2.8-12mm Motorized VF Lens

(Fixed Lens available)

▶ 30m IR Distance

▶ IP 68 Waterproof



**SHU-4A42IRVP**

▶ 2.8-12mm Motorized VF Lens

(Fixed Lens available)

▶ 40m IR Distance

▶ IP 68 Waterproof



**SHU-4B42IRVP**

▶ 2.8-12mm Motorized VF Lens

▶ 40m IR Distance

▶ IP 66 Weatherproof



**SHU-4A72IRP**

▶ 6mm fixed lens

▶ 70m IR Distance

▶ IP 68 Waterproof



**SHU-4A60IRVP**

▶ 2.8-12(5-50)mm Motorized VF Lens

▶ 60m IR Distance

▶ IP 68 Waterproof



**SHH-4B84IRVP**

▶ 2.8-12(5-50)mm Motorized VF Lens

(Fixed Lens available)

▶ 80m IR Distance

▶ IP 66 Weatherproof



**SHH-4A84IRVP**

▶ 2.8-12(5-50)mm Motorized VF Lens

(Fixed Lens available)

▶ 80m IR Distance

▶ IP 66 Weatherproof

## 2MP PREMIUM ALL-IN-ONE CAMERA

-1/3" 2.1Mega pixel SONY CMOS (Progressive)  
 -1920x1080p@30fps **EX-SDI/HD Analog Solution**  
 -Real WDR (Wide Dynamic Range)  
 -2D & 3D Digital Noise Reduction  
 -True Day & Night  
 -UTC function for HD Analog Solutions



**SHB-2AT**

▶ C/CS Mount Lens(not included)



**SHD-2A30IRV**

▶ 2.8-12mm Motorized VF Lens

(Fixed Lens available)

▶ 30m IR Distance



**SHV-2A32IRV**

▶ 2.8-12mm Motorized VF Lens

(Fixed Lens available)

▶ 30m IR Distance

▶ IP 68 Waterproof



**SHU-2A42IRV**

▶ 2.8-12mm Motorized VF Lens

(Fixed Lens available)

▶ 40m IR Distance

▶ IP 68 Waterproof



**SHU-2B42IRV**

▶ 2.8-12mm Motorized VF Lens

▶ 40m IR Distance

▶ IP 66 Weatherproof



**SHU-2A72IRP**

▶ 6mm fixed lens

▶ 70m IR Distance

▶ IP 68 Waterproof



**SHU-2A60IRV**

▶ 2.8-12(5-50)mm Motorized VF Lens

▶ 60m IR Distance

▶ IP 68 Waterproof



**SHH-4B84IRVP**

▶ 2.8-12(5-50)mm Motorized VF Lens

(Fixed Lens available)

▶ 80m IR Distance

▶ IP 66 Weatherproof



**SHH-4A84IRVP**

▶ 2.8-12(5-50)mm Motorized VF Lens

(Fixed Lens available)

▶ 80m IR Distance

▶ IP 66 Weatherproof

## 2MP ADVANTAGE ALL-IN-ONE CAMERA

-1/3" 2.4Mega pixel SONY CMOS (Progressive)  
 -1920x1080p@30fps HD Analog Solution  
 -2D & 3D Digital Noise Reduction  
 -True Day & Night  
 -UTC functions for HD Analog Solutions



**SAD-2A24IR**



**SAU-2B24IR**



**SAU-2A35IR**



**SAS-2A32**

## PREMIUM DVR



Type	Model	CH	Description
4K Premium EX-SDI All in One DVR	HVR-RXP04K	4	4K half realtime, All Hybrid, 2 SATA+1 e-SATA
	HVR-RXP08K	8	4K half realtime, All Hybrid, 2 SATA+1 e-SATA
	HVR-RXP16K	16	4K half realtime, All Hybrid, 2 SATA+1 e-SATA
4M Premium EX-SDI All Hybrid	HVR-RXP04	4	4M half realtime, All Hybrid, 2 SATA+1 e-SATA
	HVR-RXP08	8	4M half realtime, All Hybrid, 2 SATA+1 e-SATA
	HVR-RXP16	16	4M half realtime, All Hybrid, 8 SATA+1 e-SATA
	HVR-RXP32	32	4M half realtime, All Hybrid, 8 SATA+1 e-SATA
Premium HD Analog Real Time	HVR-RAP04	4	1080p realtime, 960H+TVI+AHD+CVI+IP, 2 SATA+1 e-SATA
	HVR-RAP08	8	1080p realtime, 960H+TVI+AHD+CVI+IP, 2 SATA+1 e-SATA
	HVR-RAP16	16	1080p realtime, 960H+TVI+AHD+CVI+IP, 8 SATA+1 e-SATA
	HVR-RAP32	32	1080p realtime, 960H+TVI+AHD+CVI+IP, 8 SATA+1 e-SATA



# ZOOM & PTZ & Global Shutter CAMERA

# SECUS

## 2MP LITE ALL IN ONE CAMERA

- 1/2.7" 2.1Mega pixel CMOS Sensor
- 1920x1080p@30fps Analog solution
- DWDR
- 2D & 3D Digital Noise Reduction
- True Day & Night
- UTC function



**SLE-2A20IR**



**SLP-2A20IR**

## 2MP Global Shutter CAMERA



**HSG-CH204VIR**

- ▶ Global Shutter EX-SDI IR Housing
- ▶ 12~40mm Motorized VF Lens
- ▶ WDR, 30m IR Distance, IP67



**HIG-CH204VIR**

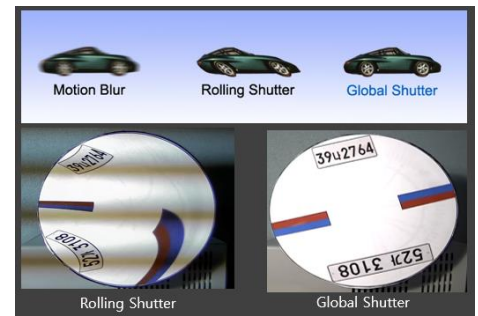
- ▶ Global Shutter EX-SDI IR Housing
- ▶ 12~40mm Motorized VF Lens
- ▶ WDR, 30m IR Distance, IP67

**HSG-CP204VIR**

- ▶ Global Shutter EX-SDI Bullet
- ▶ 12~40mm Motorized VF Lens
- ▶ WDR, 20m IR Distance, IP66

**HIG-CP204VIR**

- ▶ SONY Global Shutter IP Bullet
- ▶ 12~40mm Motorized VF Lens
- ▶ WDR, 20m IR Distance, IP66



## 2MP IP PTZ CAMERA



**HIP-CZ10W**

- ▶ 2MP Indoor 10x Optical PTZ



**HIP-CZ20(30)W**

- ▶ 2MP Outdoor 20x(30x) Optical PTZ



**HIP-CZ20(30)IRW**

- ▶ 2MP Outdoor 20x(30x) Optical PTZ
- ▶ 150m IR Distance



**HIP-CZ30(36)IRW**

- ▶ 2MP Outdoor 30x(36x) Optical PTZ
- ▶ 300m IR Distance

## 2MP HD ANALOG PTZ CAMERA



**HAP-CZ10W**

- ▶ 2MP Indoor 10x Optical PTZ



**HAP-CZ20(30)W**

- ▶ 2MP Outdoor 20x(30x) Optical PTZ



**HAP-CZ20(30)IRW**

- ▶ 2MP Outdoor 20x(30x) Optical PTZ
- ▶ 150m IR Distance



**HAP-CZ30(36)IRW**

- ▶ 2MP Outdoor 30x(36x) Optical PTZ
- ▶ 300m IR Distance

## 2MP IP/EX-SDI ZOOM BOX CAMERA



**HIP-CZ12(30/36)**

- ▶ 2MP Ultra Low Light IP ZOOM BOX
- ▶ Optical 12x/30x/36x

**HSZ-CZ12(30)**

- ▶ 2MP Ultra Low Light HD-SDI & EX-SDI ZOOM BOX
- ▶ Optical 12x/30x/36x