

2015 PRODUCT GUIDE v.1

- PnV Cameras
- IP Cameras
- NVRs
- AHD Cameras
- AHD DVRs



I4-390IPVF

"Sec Solution by A&S Magazine"

2014 1st Place Winner
for **Best IP camera**



Your beloved ones just a click away...



Plug & View

3 Step Installation

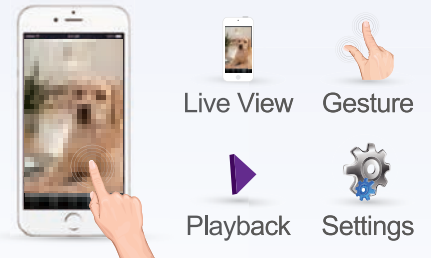
1 Plug



2 Install App



3 View



- 1 Mega-Pixel camera
- Day & night vision
- Wide angle- 3.6mm lens
- Advanced H.264 Compression
- 2 Way Audio with Built-in Speaker
- Local recording on Micro SD
- Wireless support (802.11b/g/n)
- Motion detection
- iPhone/iPad/Android viewer app
- PC free Installation



PROVISION **ISR**

Now you can see!

PnV Cameras

Plug and View interface
1MP Resolution
H.264 Video Compression

150Mbps WiFi Connectivity (802.11n)
Motion Detection
Day and Night Vision with ICR and IR LEDs

Micro SD card local storage
iOS/Android Support



PAN/TILT IR FIXED LENS CAMERA

PT-737



Plug & View

- 2 Way Audio (Built in Microphone & Speaker)
- Motorized Pan/Tilt (355° Pan/120° Tilt)
- Touch Gestures for camera control

IR FIXED LENS CAMERA

F-717



Plug & View

- 2 Way Audio (Built in Microphone)
- 3 Axis Universal Bracket

IR FIXED LENS ROUTER CASE HIDDEN CAMERA

R-737



Plug & View

- 2 Way Audio (Built in Microphone)
- LED indication lights

IR FIXED LENS OUTDOOR CAMERA

WP-717



Plug & View

- IP 66 Weather protection
- 3 Axis wall bracket

PnV Cameras Compare Table

MODELS	PT-737	F-717	R-737	WP-717
Image Sensor	1/4" CMOS Sensor			
Effective Pixels	1280 x 720			
Day & Night	ICR			
Min. Illumination	0 Lux (IR On)			
Communication	Two Way Audio			—
Built-In Speaker	•	—	—	—
Built-In Microphone	•	•	•	—
Image Settings	•	•	•	•
Motion Detection	•	•	•	•
Video Compression	H.264			
Max. Resolution	720P (1280x720), VGA (640x480), QVGA (320x240)			
IR Distance	10m (12Pcs)		15m (2 High Powered Led)	
Lens	3.6mm			
Water-proof	—	—	—	•
Pan	355°	—	—	—
Tilt	120°	—	—	—
Wi-Fi	802.11n (150Mbps)			
Network	RJ45			
Power	DC Socket			
Audio input	•	•	•	—
Audio output	•	•	•	—
SD Card	•	•	•	•
Power Supply	DC5V			

Plug & View

as Simple as it sounds...

Plug

1. Plug the camera to power outlet and to router which is connected to the internet
2. Our PnV camera uses the latest cloud technology- (plug & view) and allows you to easily connect the Camera to your local wireless network avoiding network configuration and SSID settings.

Install App

1. Download and install Provision-ISR app "Provision PnV" from your App Store.
2. Use the App to scan for devices and add your cameras.
3. Enter the camera password (found on the camera)

View

Congratulations!
Your Plug & View camera is operational:



Live View

Watch your cameras in single or multi display mode



Gesture

Use multi-touch to zoom in and out and swipe your finger to control camera movement



Playback

Playback files recorded locally on the optional memory card from any location



Settings

Control all camera settings remotely



*The new 3 Mega-Pixel series,
When it's sharp..., you know!*

3MP



- **3MP Real-Time (30fps)**
- **3MP Half Real-Time (15fps)**

The 3MP adopt the most advanced SOC (Processor) technique to ensure high definition recording in each channel and realize outstanding robustness of the system. 3MP line was designed to give you the best resolution available for a superb image quality.

This series of products can meet different security requirements for home, financial, commerce, enterprise, transportation, government, etc.

- 3MP Resolution (2048×1536)
- 3 Mega-Pixel
- 1/3" CMOS
- True Day & Night (ICR)
- H.264 Compression
- ONVIF
- PoE

1/3" CMOS Sensor
3 Mega-Pixel
True Day & Night (IR Cut Removable)
3D Noise Reduction

Motion Detection and Privacy Masking
0 Lux (IR On) Min. Illumination
PoE Support
ONVIF

Digital WDR
3-Axis Mechanism
IP 66 Protection
3MP @ 30FPS



30M IR FIXED LENS BULLET CAMERA I3-310IP04



- 3.6mm Fixed Lens
- 30m IR Illumination
- 1 Way Audio
- 3MP@30FPS

40M IR VARI-FOCAL BULLET CAMERA I4-310IPVF



- 2.8-12mm Vari-Focal Lens
- 40m IR Illumination
- SD Card Support
- Alarm In/Out
- RS-485
- 2 Way Audio
- 3MP@30FPS

IR VARI-FOCAL VANDAL-PROOF DOME CAMERA DAI-310IPVF



- 2.8-12mm Vari-Focal Lens
- 25m IR Illumination
- SD Card Support
- Alarm In/Out
- RS-485
- 2 Way Audio
- 3MP@30FPS

1/3" CMOS Sensor
3 Mega-Pixel
True Day & Night (IR Cut Removable)
3D Noise Reduction

Motion Detection and Privacy Masking
0 Lux (IR On) Min. Illumination
PoE Support
ONVIF

Digital WDR
3-Axis Mechanism
IP 66 Protection



IR VARI-FOCAL VANDAL-PROOF DOME CAMERA DAI-310IPEH04



- 3.6 mm Fixed Lens
- 15m IR Illumination
- 3-Axis Gimbal
- RJ45 (PoE)

IR VARI-FOCAL VANDAL-PROOF DOME CAMERA DAI-310IPEHVF



- 3.6 mm Fixed Lens
- 25m IR Illumination
- SD Card Support
- 3-Axis Gimbal
- RJ45 (PoE)

IR VARI-FOCAL DOME CAMERA DI-310IPEHVF



- 2.8-12mm Vari-Focal Lens
- 25m IR Illumination
- 3-Axis Gimbal
- RJ45 (PoE)

30M IR FIXED LENS BULLET CAMERA I3-310IPEH04



- 3.6mm Fixed Lens
- 30m IR Illumination
- 3-Axis Wall Bracket
- RJ45 (PoE)

40M IR VARI-FOCAL BULLET CAMERA I4-310IPEHVF



- 2.8-12mm Vari-Focal Lens
- 40m IR Illumination
- SD Card Support
- 3-Axis Wall Bracket
- RJ45 (PoE)

1/3" CMOS Sensor
2 Mega-Pixel
True Day & Night (IR Cut Removable)
3D Noise Reduction

Motion Detection and Privacy Masking
0 Lux (IR On) Min. Illumination*
PoE Support
ONVIF

Digital WDR
3-Axis Mechanism*
IP 66 Protection*



*Not Available on BX-3x0 Models

IR FIXED LENS VANDAL-PROOF DOME CAMERA DAI-390IP04



- 3.6mm Fixed Lens
- 15m IR Illumination
- 1 Way Audio

IR VARI-FOCAL VANDAL-PROOF DOME CAMERA DAI-390IPVF



- 2.8-12mm Vari-Focal Lens
- 25m IR Illumination
- SD Card Support
- Alarm In/Out
- RS-485
- 2 Way Audio

IR VARI-FOCAL DOME CAMERA DI-390IPVF



- 2.8-12mm Vari-Focal Lens
- 25m IR Illumination
- 1 Way Audio

30M IR FIXED LENS BULLET CAMERA I3-390IP04



- 3.6mm Fixed Lens
- 30m IR Illumination
- 1 Way Audio

40M IR VARI-FOCAL BULLET CAMERA I4-390IPVF



- 2.8-12mm Vari-Focal Lens
- 40m IR Illumination
- SD Card Support
- Alarm In/Out
- RS-485
- 2 Way Audio

PROFESSIONAL BOX CAMERA BX-390IP



- CS Lens Mount
- SD Card Support
- Alarm In/Out
- RS-485
- 2 Way Audio

1/3" CMOS Sensor
1.3 Mega-Pixel
True Day & Night (IR Cut Removable)
3D Noise Reduction

Motion Detection and Privacy Masking
0 Lux (IR On) Min. Illumination*
PoE Support
ONVIF

Digital WDR
3-Axis Mechanism*
IP 66 Protection*



*Not Available on BX-3x0 Models

IR FIXED LENS VANDAL-PROOF DOME CAMERA DAI-380IP04



- 3.6mm Fixed Lens
- 15m IR Illumination
- 1 Way Audio

IR VARI-FOCAL VANDAL-PROOF DOME CAMERA DAI-380IPVF



- 2.8-12mm Vari-Focal Lens
- 25m IR Illumination
- SD Card Support
- Alarm In/Out
- RS-485
- 2 Way Audio

IR VARI-FOCAL DOME CAMERA DI-380IPVF



- 2.8-12mm Vari-Focal Lens
- 25m IR Illumination
- 1 Way Audio

30M IR FIXED LENS BULLET CAMERA I3-380IP04



- 3.6mm Fixed Lens
- 30m IR Illumination
- 1 Way Audio

40M IR VARI-FOCAL BULLET CAMERA I4-380IPVF



- 2.8-12mm Vari-Focal Lens
- 40m IR Illumination
- SD Card Support
- Alarm In/Out
- RS-485
- 2 Way Audio

PROFESSIONAL BOX CAMERA BX-380IP



- CS Lens Mount
- SD Card Support
- Alarm In/Out
- RS-485
- 2 Way Audio

1/4" CMOS Sensor
1 Mega-Pixel
True Day & Night (IR Cut Removable)
3D Noise Reduction

Motion Detection and Privacy Masking
0 Lux (IR On) Min. Illumination*
PoE Support
ONVIF

Digital WDR
3-Axis Mechanism*
IP 66 Protection*



*Not Available on DM-480IPE28 Model

IR FIXED LENS VANDAL-PROOF DOME CAMERA DAI-480IPE28



- 2.8mm Fixed Lens
- 15m IR Illumination
- 3 Axis Gimbal
- RJ-45 (PoE)

FIXED LENS PLASTIC MINI-DOME CAMERA DM-480IPE28



- 2.8mm Fixed Lens
- 2 Axis Gimbal
- RJ-45 (PoE)

30M IR FIXED LENS BULLET CAMERA I3-480IPE28



- 2.8mm Fixed Lens
- 30m IR Illumination
- 3 Axis Gimbal
- RJ-45 (PoE)

IP Cameras Compare Table



	3MP			
Model Name	I3-310IP04	I4-310IPVF	DAI -310IPVF	DAI-310IPEH04
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Effective Pixels	2048x1536	2048x1536	2048x1536	2048x1536
Day & Night	ICR	ICR	ICR	ICR
Min. Illumination	0lux (IR On)	0lux (IR On)	0lux (IR On)	0lux (IR On)
Communication	One Way Audio	Two Way Audio	Two Way Audio	—
Image Adjustment	●	●	●	●
WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Noise Reduction	3D-DNR	3D-DNR	3D-DNR	3D-DNR
Privacy Zone	Yes	Yes	Yes	Yes
Motion Detection	Yes	Yes	Yes	Yes
Video Compression	H.264	H.264	H.264	H.264
Max Resolution	3MP(2048x1536)@25/30FPS	3MP(2048x1536)@25/30FPS	3MP(2048x1536)@25/30FPS	3MP(2048x1536)@12/15FPS 1080P(1980x1080)@25/30FPS
Bit rate	64Kbps ~ 12Mbps	64Kbps ~ 12Mbps	64Kbps ~ 12Mbps	64Kbps ~ 12Mbps
Multi-stream	●	●	●	●
IR Distance	30m	40m	25m	15m
Lens	3.6mm	2.8-12mm	2.8-12mm	3.6mm
Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris
Lens Mount	Φ12 mount	Φ14 mount	Φ14 mount	Φ12 mount
Water-proof	IP66	IP66	IP66	IP66
Network	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)
Power	DC Socket	DC Socket	DC Socket	DC Socket
Analog Video Output	—	●	●	—
Audio Input	●	●	●	—
Audio Output	—	●	●	—
SD Card	—	●	●	—
RS485	—	●	●	—
Alarm	—	Two Way Alarm	Two Way Alarm	—
Power Supply	DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE

IP Cameras



ECONOMIC 3MP

DAI-310IPEHVF	DI-310IPEHVF	I3-310IPEH04	I4-310IPEHVF
1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
2048x1536	2048x1536	2048x1536	2048x1536
ICR	ICR	ICR	ICR
0lux (IR On)	0lux (IR On)	0lux (IR On)	0lux (IR On)
—	—	—	—
•	•	•	•
Digital WDR	Digital WDR	Digital WDR	Digital WDR
3D-DNR	3D-DNR	3D-DNR	3D-DNR
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
H.264	H.264	H.264	H.264
3MP(2048x1536)@12/15FPS 1080P(1980x1080)@25/30FPS	3MP(2048x1536)@12/15FPS 1080P(1980x1080)@25/30FPS	3MP(2048x1536)@12/15FPS 1080P(1980x1080)@25/30FPS	3MP(2048x1536)@12/15FPS 1080P(1980x1080)@25/30FPS
64Kbps ~ 12Mbps	64Kbps ~ 12Mbps	64Kbps ~ 12Mbps	64Kbps ~ 12Mbps
•	•	•	•
25m	25m	30m	40m
2.8-12mm	2.8-12mm	3.6mm	2.8-12mm
Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris
Φ14 mount	Φ14 mount	Φ12 mount	Φ14 mount
IP66	IP66	IP66	IP66
RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)	RJ45 (+PoE)
DC Socket	DC Socket	DC Socket	DC Socket
—	—	—	—
—	—	—	—
—	—	—	—
•	—	—	•
—	—	—	—
—	—	—	—
DC12V/PoE	DC12V/PoE	DC12V/PoE	DC12V/PoE

NVRs



Onvif
Two Way Audio
Dual Video Output
HDMI/VGA Output

PTZ Support
RS-485 Support (For Controller)
Mouse
USB

Remote IR Extention
Web Browser Monitoring
Mobile App Monitoring
CMS Monitoring



On a standard installation - the NVR will be the heart of the IP System. It is responsible for the proper communication with the cameras and the constant recording of all the data received from the connected cameras. Unlike DVRs, the NVR doesn't compress the video signal received from the IP camera but just stores it the way it is since it is already compressed by the camera.

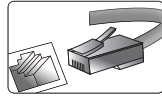
All of the NVRs support ONVIF that can be upgraded when newer versions are released. ONVIF is a communication protocol for IP cameras and NVRs. It became the standard protocol and assists IP cameras and NVRs from different companies to be able and interact with each other simply and effectively. Our engineers keep improving and updating the ONVIF compatibility of our IP equipment in order to give the installers the easiest way of working with Provision-ISR IP Products.

Provision-ISR NVRs support HD recording of 3MP, 1080P and 720P and divided into two product lines:

Conventional NVRs: This line of NVRs is connected to the network and communicates with the IP cameras through the general network, without the need of direct IP camera connection. This provides the installer highest flexibility in the design of the system and the wiring. Basic knowledge in networking and general IP configuration is required.

Plug & View NVRs: This line of NVRs performs as a local network switch and creating a closed internal network for the IP cameras. The IP cameras will be connected directly to the NVR by one network cable which will provide PoE power and automatically configure the camera for display & record. These NVRs may also perform as a conventional NVRs by dedicating some of the channels to communicating with any ONVIF cameras connected to the network. Minimum to no knowledge in network and IP configuration is needed for this type of installation.

4 CH 720P REAL-TIME PLUG & VIEW NVR NVR-4100P



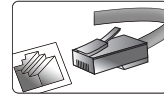
Plug & View



- 4CH PoE / Via Network
- Plug and View
- Support 1080P/720P
- Small 1U Case
- Alarm: 1 Output / 4 Input
- Network: 100 Mbps
- 1 HDD Support (3TB)

8 CH 3MP REAL-TIME PLUG & VIEW NVR NVR3-8200-4P

New

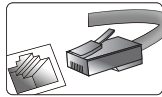


Plug & View



- 4CH PoE / Via Network
- Plug and View
- Support 3MP/1080P/720P
- Small 1U Case
- Network: 1000 Mbps
- 1 HDD Support (3TB Each)

8 CH 720P REAL-TIME PLUG & VIEW NVR NVR-8200P (1U)



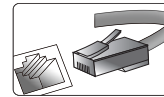
Plug & View



- 8CH PoE / Via Network
- Plug and View
- Support 3MP/1080P/720P
- 1U Case
- Alarm: 1 Output / 8 Input
- Network: 1000 Mbps
- 2 HDD Support (3TB Each)

16 CH 3MP REAL-TIME PLUG & VIEW NVR NVR3-16400-8P (1U)

New

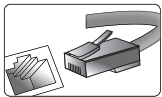


Plug & View



- 8CH PoE / Via Network
- Plug and View
- Support 3MP/1080P/720P
- 1U Case
- Alarm: 1 Output / 4 Input
- Network: 1000 Mbps
- 2 HDD Support (3TB Each)

16 CH 720P REAL-TIME PLUG & VIEW NVR NVR-16400P (2U)

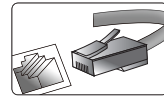


Plug & View



- 16CH PoE / Via Network
- Plug and View
- Support 3MP/1080P/720P
- 2U Case
- Alarm: 4 Output / 16 Input
- Network: 1000 Mbps
- 8 HDD Support (3TB Each)

24 CH 720P REAL-TIME PLUG & VIEW NVR NVR-24600-16P (2U)



Plug & View

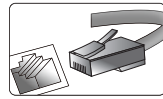


- 16CH PoE / Via Network
- Plug and View
- Support 3MP/1080P/720P
- 2U Case
- Alarm: 4 Output / 16 Input
- Network: 1000 Mbps
- 8 HDD Support (3TB Each)

NVRs

32 CH 3MP REAL-TIME PLUG & VIEW NVR NVR3-32800-16P (2U)

New



Plug & View



- 16CH PoE / Via Network
+ 16CH Via Network
- Plug and View
- Support 3MP/1080P/720P
- 2U Case
- Alarm: 4 Output / 16 Input
- Network: 1000 Mbps
- 8 HDD Support (3TB Each)

4 CH 720P NVR NVR-4100



- 4CH Via Network
- Support 1080P/720P
- Small 1U Case
- Alarm: 1 Output / 4 Input
- Network: 100 Mbps
- 1 HDD Support (3TB)

8 CH 720P NVR NVR-8200



- 8CH Via Network
- Support 1080P/720P
- Small 1U Case
- Alarm: 1 Output / 8 Input
- Network: 100 Mbps
- 1 HDD Support (3TB)

16 CH 720P NVR NVR-16400



- 16CH Via Network
- Support 1080P/720P
- Small 1U Case
- Alarm: 1 Output / 16 Input
- Network: 100 Mbps
- 1 HDD Support (3TB)

8 CH 720P NVR (1080P - 8CH HALF REAL-TIME / 4CH REAL TIME) NVR-8200 (1U)



- 8CH Via Network
- Support 3MP/1080P/720P
- 1U Case
- Alarm: 1 Output / 8 Input
- Network: 1000 Mbps
- 2 HDD Support (3TB Each)

8 CH 3MP NVR NVR3-8200 (1U)

New



- 8CH Via Network
- Support 3MP/1080P/720P
- 1U Case
- Alarm: 1 Output / 4 Input
- Network: 1000 Mbps
- 2 HDD Support (3TB Each)

16 CH 720P NVR NVR-16400 (1U)



- 16CH Via Network
- Support 3MP/1080P/720P
- 1U Case
- Alarm: 1 Output / 8 Input
- Network: 1000 Mbps
- 2 HDD Support (3TB Each)

16 CH 3MP REAL TIME NVR NVR3-16400 (1U)



- 16CH Via Network
- Support 3MP/1080P/720P
- 1U Case
- Alarm: 1 Output / 4 Input
- Network: 1000 Mbps
- 2 HDD Support (3TB each)

16 CH 720P NVR NVR-16400 (2U)



- 16CH Via Network
- Support 3MP/1080P/720P
- 2U Case
- Alarm: 4 Output / 16 Input
- Network: 1000 Mbps
- 8 HDD Support (3TB Each)

24 CH 720P NVR NVR-24600



- 24CH Via Network
- Support 3MP/1080P/720P
- 2U Case
- Alarm: 4 Output / 16 Input
- Network: 1000 Mbps
- 8 HDD Support (3TB Each)

32CH 3MP REAL TIME NVR NVR3-32800 (1U)



- 32CH Via Network
- Support 3MP/1080P/720P
- 1U Case
- Alarm: 4 Output / 1 Input
- Network: 1000 Mbps
- 2 HDD Support (3TB Each)

32CH 3MP REAL TIME NVR NVR3-32800 (2U)



- 32CH Via Network
- Support 3MP/1080P/720P
- 2U Case
- Alarm: 4 Output / 16 Input
- Network: 1000 Mbps
- 8 HDD Support (3TB Each)

NVRs Compare Table

Model Name	PoE			
	4CH	8CH		16CH
	NVR-4100P	NVR3-8200-4P	NVR-8200P(1U)	NVR3-16400-8P (1U)
Format	PoE ONVIF NVR	POE ONVIF NVR	ONVIF NVR	POE ONVIF NVR
Number of Channels	4	8	8	16
PoE	4 (RJ-45/Network)	4(RJ-45/Network)	No	8 (RJ-45/Network)
Playback Channels	4	4	4	4
Remote Playback Channels	4	4	4	4
Live Preview While Playback	No	No	No	No
Loop	No	No	No	No
Image Capture	CIF/D1	CIF/D1	CIF/D1	CIF/D1
Output Type	CVBS,VGA,HDMI	VGA,HDMI	CVBS,VGA,HDMI	VGA,HDMI
Dual Display	Yes	Yes	Yes	Yes
Case	Small 1U	Small 1U	1U	1U
Audio Input	Depends on Camera	Depends on Camera	Depends on Camera	Depends on Camera
Audio Output	1	1	1	1
Two Way Audio	Yes	Yes	Yes	Yes
Mic In	1	1	1	1
Alarm In	4	No	8	4
Alarm Out	1	No	1	1
PTZ Control	RS485	No	RS485	RS485
Recording CIF	No	No	No	No
Recording Channels CIF	No	No	No	No
Recording D1	100/120 FPS (Total)	200/240 FPS (Total)	200/240 FPS (Total)	400/480 FPS (Total)
Recording Channels D1	4ch @ 25/30 FPS	8ch @ 25/30 FPS	8ch @ 25/30 FPS	16ch @ 25/30 FPS
Recording 960H	No	No	No	No
Recording Channels 960H	No	No	No	No
Recording 720P	100/120 FPS (Total)	200/240 FPS (Total)	200/240 FPS (Total)	400/480 FPS (Total)
Recording Channels 720P	4ch @ 25/30 FPS	8ch @ 25/30 FPS	8ch @ 25/30 FPS	16ch @ 25/30 FPS
Recording 960P	75/90FPS (Total)	200/240 FPS (Total)	150/180 FPS (Total)	400/480 FPS (Total)
Recording Channels 960P	3ch@25/30 FPS	8ch @ 25/30 FPS	8ch @ 18/22 FPS	16ch @ 25/30 FPS
Real-Time 960P	3ch	8ch	6ch	16ch
Recording 1080P	50/60FPS(Total)	200/240 FPS (Total)	100/120 FPS (Total)	400/480 FPS (Total)
Recording Channels 1080P	4ch @ 12/15FPS	8ch @ 25/30 FPS	8ch @ 12/15 FPS	16ch @ 25/30 FPS
Real-Time 1080P	No	8ch	4ch	16ch
Recording 3MP	No	200/240 FPS (Total)	75/90 FPS (Total)	400/480 FPS (Total)
Recording Channels 3MP	No	8ch @ 25/30 FPS	8ch @ 9/11 FPS	16ch @ 25/30 FPS
Real-Time 3MP	No	8ch	3ch	16ch
H.264 Compression	High profile	High profile	High profile	High profile
HDD	1(3TB)	1(3TB)	2(3TB)	2(3TB)
USB Port	1	2	2	2
E-SATA	No	No	No	No
Ethernet	100Mbps	1000Mbps	1000Mbps	1000Mbps
DVD Burner	No	Optional	Optional	Optional
Master Stream	1-12/15 FPS @1080P 1-25/30 FPS @960P 1-25/30 FPS @720P 1-25/30 FPS @D1	1-25/30 FPS @3M 1-25/30 FPS @1080P 1-25/30 FPS @960P 1-25/30 FPS @720P 1-25/30 FPS @D1	1-25/30 FPS @ 3MP 1-25/30 FPS @ 1080P 1-25/30 FPS @960P 1-25/30 FPS @720P 1-25/30 FPS @D1	1-25/30 FPS @ 3MP 1-25/30 FPS @ 1080P 1-25/30 FPS @960P 1-25/30 FPS @720P 1-25/30 FPS @D1
Network Stream	1-25/30 FPS @CIF	1-25/30 FPS @CIF	1-25/30 FPS @CIF	1-25/30 FPS @CIF
Max Simultaneous Users	20	20	20	20
IR Remote	Yes	Yes	Yes	Yes
IR Extention	Optional	Optional	Optional	Optional
Mouse	Yes	Yes	Yes	Yes
POE Total Power	48W	48W	No	120W
Power Supply	DC12V-3A/DC48V-1A	DC12V-2A/DC48V-1A	DC12V/4A	AC110V/220V

PoE			Conventional	
16CH	24CH	32CH	4CH	8CH
NVR-16400P(2U)	NVR-24600-16P (2U)	NVR3-32800-16P (2U)	NVR-4100	NVR-8200
ONVIF NVR	PoE ONVIF NVR	POE ONVIF NVR	ONVIF NVR	ONVIF NVR
16	24	32	4	8
No	16 (RJ-45/Network)	16 (RJ-45/Network)	No	No
4	4	4	4	4
4	4	4	4	4
No	No	No	No	No
No	No	No	No	No
CIF/D1	CIF/D1	CIF/D1	CIF/D1	CIF/D1
CVBS,VGA,HDMI	VGA,HDMI	VGA,HDMI	CVBS,VGA,HDMI	CVBS,VGA,HDMI
Yes	Yes	Yes	Yes	Yes
2U	2U	2U	Small 1U	Small 1U
Depends on Camera	Depends on Camera	Depends on Camera	Depends on Camera	Depends on Camera
1	1	1	1	1
Yes	Yes	Yes	Yes	Yes
1	1	1	1	1
16	16	16	4	8
4	4	4	1	1
RS485*2	RS485*2	RS485*2	RS485	RS485
No	No	No	No	No
No	No	No	No	No
400/480 FPS (Total)	600/720 FPS (Total)	800/960 FPS (Total)	100/120 FPS (Total)	200/240 FPS (Total)
16ch @ 25/30 FPS	24ch @ 25/30 FPS	32ch @ 25/30 FPS	4ch @ 25/30 FPS	8ch @ 25/30 FPS
No	No	No	No	No
No	No	No	No	No
400/480 FPS (Total)	600/720 FPS (Total)	800/960 FPS (Total)	100/120 FPS (Total)	200/240 FPS (Total)
16ch @ 25/30 FPS	24ch @ 25/30 FPS	32ch @ 25/30 FPS	4ch @ 25/30 FPS	8ch @ 25/30 FPS
400/480 FPS (Total)	450/540 FPS (Total)	800/960 FPS (Total)	75/90 FPS(Total)	150/180 FPS(Total)
16ch @ 25/30 FPS	24ch @ 18/22FPS	32ch @ 25/30 FPS	3ch@25/30 FPS	6ch@25/30 FPS
16ch	18ch	32ch	3ch	6ch
400/480 FPS (Total)	400/480 FPS (Total)	800/960 FPS (Total)	50/60FPS(Total)	100/120 FPS (Total)
16ch @ 25/30 FPS	24ch @ 16/20FPS	32ch @ 25/30 FPS	4ch @ 12/15FPS	8ch @ 12/15FPS
16ch	16ch	32ch	No	No
300/360 FPS (Total)	300/360 FPS (Total)	800/960 FPS (Total)	No	No
16ch @ 18/22FPS	24ch @ 12/15FPS	32ch @ 25/30 FPS	No	No
12ch	12ch	32ch	No	No
High profile	High profile	High profile	High profile	High profile
8(3TB)	8(3TB)	8(3TB)	1(3TB)	1(3TB)
2	2	2	1	2
2	2	1	No	No
1000Mbps	1000Mbps	1000Mbps	100Mbps	100Mbps
Optional	Optional	Optional	No	No
1-25/30 FPS @ 3MP	1-25/30 FPS @ 3MP	1-25/30 FPS @ 3MP	1-12/15 FPS @1080P	1-12/15 FPS @1080P
1-25/30 FPS @ 1080P	1-25/30 FPS @ 1080P	1-25/30 FPS @ 1080P	1-25/30 FPS @960P	1-25/30 FPS @960P
1-25/30 FPS @960P	1-25/30 FPS @960P	1-25/30 FPS @960P	1-25/30 FPS @720P	1-25/30 FPS @720P
1-25/30 FPS @720P	1-25/30 FPS @720P	1-25/30 FPS @720P	1-25/30 FPS @D1	1-25/30 FPS @D1
1-25/30 FPS @D1	1-25/30 FPS @D1	1-25/30 FPS @D1		
1-25/30 FPS @CIF	1-25/30 FPS @CIF	1-25/30 FPS @CIF	1-25/30 FPS @CIF	1-25/30 FPS @CIF
20	20	20	20	20
Yes	Yes	Yes	Yes	Yes
Optional	Optional	Optional	Optional	Optional
Yes	Yes	Yes	Yes	Yes
No	150W	150W	No	No
AC110V/220V	AC110V/220V	AC110V/220V	DC12V/2A	DC12V/2A

NVRs Compare Table

Model Name	Conventional			
	16CH	8CH		16CH
	NVR-16400	NVR-8200 (1U)	NVR3-8200 (1U)	NVR-16400 (1U)
Format	ONVIF NVR	ONVIF NVR	ONVIF NVR	ONVIF NVR
Number of Channels	16	8	8	16
PoE	No	No	No	No
Playback Channels	4	4	4	4
Remote Playback Channels	4	4	4	4
Live Preview While Playback	No	No	No	No
Loop	No	No	No	No
Image Capture	CIF/D1	CIF/D1	CIF/D1	CIF/D1
Output Type	CVBS,VGA,HDMI	CVBS,VGA,HDMI	VGA,HDMI	CVBS,VGA,HDMI
Dual Display	Yes	Yes	Yes	Yes
Case	Small 1U	1U	1U	1U
Audio Input	Depends on Camera	Depends on Camera	Depends on Camera	Depends on Camera
Audio Output	1	1	1	1
Two Way Audio	Yes	Yes	Yes	Yes
Mic In	1	1	1	1
Alarm In	16	8	4	16
Alarm Out	1	1	1	1
PTZ Control	RS485	RS485	RS485	RS485*2
Recording CIF	No	No	No	No
Recording Channels CIF	No	No	No	No
Recording D1	400/480 FPS (Total)	200/240 FPS (Total)	200/240 FPS (Total)	400/480 FPS (Total)
Recording Channels D1	16ch @ 25/30 FPS	8ch @ 25/30 FPS	8ch @ 25/30 FPS	16ch @ 25/30 FPS
Recording 960H	No	No	No	No
Recording Channels 960H	No	No	No	No
Recording 720P	400/480 FPS (Total)	200/240 FPS (Total)	200/240 FPS (Total)	400/480 FPS (Total)
Recording Channels 720P	16ch @ 25/30 FPS	8ch @ 25/30 FPS	8ch @ 25/30 FPS	16ch @ 25/30 FPS
Recording 960P	300/360 FPS(Total)	150/180 FPS (Total)	200/240 FPS (Total)	400/480 FPS (Total)
Recording Channels 960P	12ch@25/30 FPS	8ch @ 18/22 FPS	8ch @ 25/30 FPS	16ch @ 25/30 FPS
Real-Time 960P	12ch	6ch	8ch	16ch
Recording 1080P	200/240 FPS (Total)	100/120 FPS (Total)	200/240 FPS (Total)	400/480 FPS (Total)
Recording Channels 1080P	16ch @ 12/15FPS	8ch @ 12/15 FPS	8ch @ 25/30 FPS	16ch @ 25/30 FPS
Real-Time 1080P	No	4ch	8ch	16ch
Recording 3MP	No	75/90 FPS (Total)	200/240 FPS (Total)	300/360 FPS (Total)
Recording Channels 3MP	No	8ch @ 9/11 FPS	8ch @ 25/30 FPS	16ch @ 18/22FPS
Real-Time 3MP	No	3ch	8ch	12ch
H.264 Compression	High profile	High profile	High profile	High profile
HDD	1(3TB)	2(3TB)	2(3TB)	2(3TB)
USB Port	1	2	2	2
E-SATA	No	No	No	No
Ethernet	100Mbps	1000Mbps	1000Mbps	1000Mbps
DVD Burner	No	Optional	Optional	Optional
Master Stream	1-12/15 FPS @1080P 1-25/30 FPS @960P 1-25/30 FPS @720P 1-25/30 FPS @D1	1-25/30 FPS @ 3MP 1-25/30 FPS @ 1080P 1-25/30 FPS @960P 1-25/30 FPS @720P 1-25/30 FPS @D1	1-25/30 FPS @3M 1-25/30 FPS @1080P 1-25/30 FPS @960P 1-25/30 FPS @720P 1-25/30 FPS @D1	1-25/30 FPS @ 3MP 1-25/30 FPS @ 1080P 1-25/30 FPS @960P 1-25/30 FPS @720P 1-25/30 FPS @D1
Network Stream	1-25/30 FPS @CIF	1-25/30 FPS @CIF	1-25/30 FPS @CIF	1-25/30 FPS @CIF
Max Simultaneous Users	20	20	20	20
IR Remote	Yes	Yes	Yes	Yes
IR Extention	Optional	Optional	Optional	Optional
Mouse	Yes	Yes	Yes	Yes
POE Total Power	No	No	No	No
Power Supply	DC12V/2A	DC12V/4A	DC 12V 3A	DC12V/4A

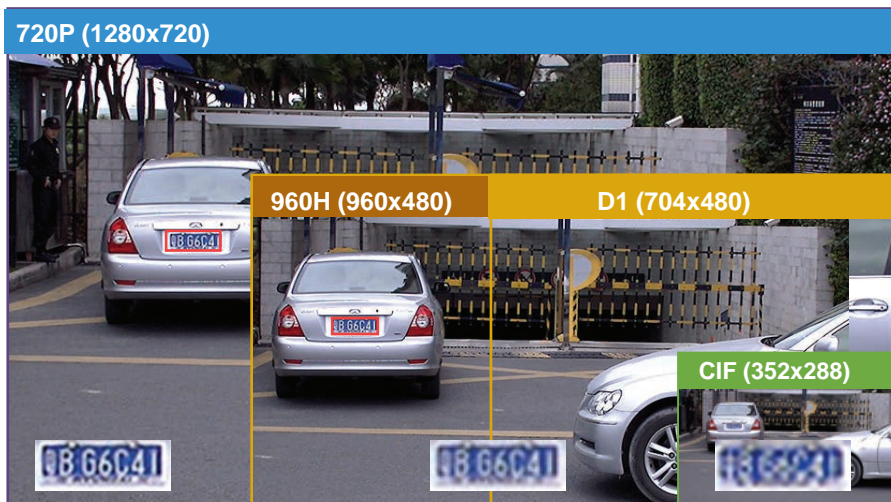
NVRs Compare Table

Conventional				
16CH		24CH	32CH	
NVR3-16400 (1U)	NVR-16400 (2U)	NVR-24600 (2U)	NVR3-32800 (1U)	NVR3-32800 (2U)
ONVIF NVR	ONVIF NVR	ONVIF NVR	ONVIF NVR	ONVIF NVR
16	16	24	32	32
No	No	No	No	No
4	4	4	4	4
4	4	4	4	4
No	No	No	No	No
No	No	No	No	No
CIF/D1	CIF/D1	CIF/D1	CIF/D1	CIF/D1
VGA,HDMI	CVBS,VGA,HDMI	CVBS,VGA,HDMI	VGA,HDMI	VGA,HDMI
Yes	Yes	Yes	Yes	Yes
1U	2U	2U	1U	2U
Depends on Camera	Depends on Camera	Depends on Camera	Depends on Camera	Depends on Camera
1	1	1	1	1
Yes	Yes	Yes	Yes	Yes
1	1	1	1	1
4	16	16	4	16
1	4	4	1	4
RS485	RS485*2	RS485*2	RS485	RS485*2
No	No	No	No	No
No	No	No	No	No
400/480 FPS (Total)	400/480 FPS (Total)	600/720 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)
16ch @ 25/30 FPS	16ch @ 25/30 FPS	24ch @ 25/30 FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS
No	No	No	No	No
No	No	No	No	No
400/480 FPS (Total)	400/480 FPS (Total)	600/720 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)
16ch @ 25/30 FPS	16ch @ 25/30 FPS	24ch @ 25/30 FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS
400/480 FPS (Total)	400/480 FPS (Total)	450/540 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)
16ch @ 25/30FPS	16ch @ 25/30 FPS	24ch @ 18/22FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS
16ch	16ch	18ch	32ch	32ch
400/480 FPS (Total)	400/480 FPS (Total)	400/480 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)
16ch @ 25/30FPS	16ch @ 25/30 FPS	24ch @ 16/20FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS
16ch	16ch	16ch	32ch	32ch
400/480 FPS (Total)	300/360 FPS (Total)	300/360 FPS (Total)	800/960 FPS (Total)	800/960 FPS (Total)
16ch @ 25/30FPS	16ch @ 18/22FPS	24ch @ 12/15FPS	32ch @ 25/30 FPS	32ch @ 25/30 FPS
16ch	12ch	12ch	32ch	32ch
High profile	High profile	High profile	High profile	High profile
2(3TB)	8(3TB)	8(3TB)	2(3TB)	8(3TB)
2	2	2	2	2
No	2	2	No	1
1000Mbps	1000Mbps	1000Mbps	1000Mbps	1000Mbps
Optional	Optional	Optional	Optional	Optional
1-25/30 FPS @3M	1-25/30 FPS @ 3MP	1-25/30 FPS @ 3MP	1-25/30 FPS @ 3MP	1-25/30 FPS @ 3MP
1-25/30 FPS @1080P	1-25/30 FPS @ 1080P	1-25/30 FPS @ 1080P	1-25/30 FPS @ 1080P	1-25/30 FPS @ 1080P
1-25/30 FPS @960P	1-25/30 FPS @960P	1-25/30 FPS @960P	1-25/30 FPS @960P	1-25/30 FPS @960P
1-25/30 FPS @720P	1-25/30 FPS @720P	1-25/30 FPS @720P	1-25/30 FPS @720P	1-25/30 FPS @720P
1-25/30 FPS @D1	1-25/30 FPS @D1	1-25/30 FPS @D1	1-25/30 FPS @D1	1-25/30 FPS @D1
1-25/30 FPS @CIF	1-25/30 FPS @CIF	1-25/30 FPS @CIF	1-25/30 FPS @CIF	1-25/30 FPS @CIF
20	20	20	20	20
Yes	Yes	Yes	Yes	Yes
Optional	Optional	Optional	Optional	Optional
Yes	Yes	Yes	Yes	Yes
No	No	No	No	No
DC 12V 3A	AC110V/220V	AC110V/220V	DC12V/3A	AC110V/220V

Analog High Definition AHD Technology



- **AHD Cameras**
- **AHD DVR's**



Understanding the different resolutions

1. Versatility and Compatibility:

Provision-ISR's new AHD products are fully compatible with all Analog Devices and Accessories!!!

- All Provision-ISR's new AHD cameras support both AHD output and Analog output!
- With a click on the OSD Controller, the camera signal will switch from AHD to Analog
- When in Analog mode the camera will support all analog products (Baluns, DVRs, Video Splitters Etc.)
- All Provision-ISR's new AHD DVR's support both AHD signal input and Analog signal Input (in pair channels)!

2. Easy installation:

- Installation method similar to Analog camera installation.
- All analog installation accessories (Cables, BNC connectors are sufficient for most installations)

3. High Definition Resolution:

- All new cameras support 720P Resolution
- 1080P Camera line will come soon

4. Better Image Quality:

- Higher Frequency for far better image details
- Advanced Color separation and reproduction

5. Full OSD Menu Including:

- White Balance
- 2D-DNR
- Motion Detection
- Privacy Mask
- HLC
- BLC

6. Longer Transmission Distance with no Latency and Delays:

- 400m transmission capability using common Coaxial cable (Grade 75-3)
- Image is not processed or compressed therefore there is no image delay or latency

Pro AHD Cameras

1/3" 1.3MP Sensor
Selectable Output -720P AHD/960H Analog
Prestigious and Elegant Case
High Quality Mega-pixel Lens

High Quality LED Array
Multi-Language OSD
"1 Lock Screw" – 3 Axis Mechanism
2 Part Easy Installation Junction Box Available

IP 66



**AHD IR DOME CAMERA
FIXED LENS**
DI-380AHD36



- 3.6 Mega-Pixel Lens
- 2 Array LED (20 Meter)
- Metal Casing
- 1 Screw Lock Mechanism
- IP 66
- 12V DC

**AHD IR DOME CAMERA
VARI-FOCAL LENS**
DI-380AHDVF



- 2.8-12 Mega-Pixel Lens
- 3 Array (25 Meter)
- Metal Casing
- 1 Screw Lock Mechanism
- IP 66
- 12V DC

**AHD IR BULLET CAMERA
FIXED LENS**
I3-380AHD36



- 3.6 Mega-Pixel Lens
- 3 Array LED (25 Meter)
- 3 Axis Bracket (1 Screw Lock)
- IP 66
- 12V DC

**AHD IR BULLET CAMERA
VARI-FOCAL LENS**
I4-380AHDVF



- 2.8-12 Mega-Pixel Lens
- 4 Array IR LED (40 Meter)
- "1 Lock Screw" – 3 Axis Bracket - Patent Design
- IP 66
- 12V DC

Eco AHD Cameras

1/4" 1MP Sensor
Selectable Output -720P AHD/960H Analog
Prestigious and Elegant Case
High Quality Mega-Pixel Lens

Multi-Language OSD
"1 Lock Screw" – 3 Axis Mechanism
IP 66
2 Part Easy Installation Junction Box Available



**AHD IR DOME CAMERA
FIXED LENS**
DI-480AHD36



- 3.6 Mega-Pixel Lens
- 24 IR LED (15 Meter)
- Metal Casing
- 1 Screw Lock Mechanism
- IP 66
- 12V DC

**AHD IR DOME CAMERA
VARI-FOCAL LENS**
DI-480AHDVF



- 2.8-12 Mega-Pixel Lens
- 36 IR LED (25 Meter)
- Metal Casing
- 1 Screw Lock Mechanism
- IP 66
- 12V DC

**AHD IR BULLET CAMERA
FIXED LENS**
I1-480AHD36



- 3.6 Mega-Pixel Lens
- 24 IR LED (15 Meter)
- 3 Axis Bracket
- IP 66
- 12V DC

**AHD IR BULLET CAMERA
FIXED LENS**
I3-480AHD36



- 3.6 Mega-Pixel Lens
- 36 IR LED (25 Meter)
- 3 Axis Bracket (1 Screw Lock)
- IP 66
- 12V DC

**AHD IR BULLET CAMERA
VARI-FOCAL LENS**
I4-480AHDVF



- 2.8-12 Mega-Pixel Lens
- 42 IR LED (35 Meter)
- "1 Lock Screw" – 3 Axis Bracket - Patent Design
- IP 66
- 12V DC

AHD DVRs

720P AHD Real-Time DVR

Triple technology* (AHD/Analog/IP)

Auto detect Video Signal (each technology work in groups of 2CH)

Provision-ISR's software full compatibility (CMS, Mobile Apps, IE)

Provision-ISR's Known GUI

New Mini Metal case (for 4 and 8CH)



*Not Available for SA-4100AHD-1

4 CH Real-Time 720P AHD DVR SA-4100AHD-1(MM)



- New Mini Metal Case
- 4Ch -720P AHD or 960H Analog
100/120 FPS
- HDMI/VGA output
- 4Ch Playback
- 1 HDD (up to 3TB each)
- Audio: 1 Input/1 Output
- PTZ: RS-485

8 CH Real-Time 720P AHD Hybrid DVR SA-8200AHD-1(MM)



- New Mini Metal Case
- 8Ch -720P AHD or 960H Analog
200/240 FPS
- 1Ch 720P IP at 25/30 FPS
- HDMI/VGA output
- 4Ch Playback
- 1 HDD (up to 3TB each)
- Audio: 1 Input/1 Output
- PTZ: RS-485

16 CH Half Real-Time 720P AHD Hybrid DVR SA-16200AHD-1



- 1U Small Case
- 16Ch -720P AHD at 200/240FPS or
960H Analog at 400/480 FPS
- 2Ch 720P IP at 50/60 FPS
- HDMI/VGA output
- 8Ch Playback
- 1 HDD (up to 3TB each)
- Audio: 1 Input/1 Output
- PTZ: RS-485

16 CH Half Real-Time 720P AHD Hybrid DVR SA-16200AHD-1(1U)



- 1U Case
- 16Ch -720P AHD at 200/240FPS or
960H Analog at 400/480 FPS
- 2Ch 720P IP at 50/60 FPS
- HDMI/VGA output
- 8Ch Playback
- 2 HDD (up to 3TB each)
- Audio: 4 Input/1 Output
- PTZ: RS-485

AHD Cameras Compare Table



PRO AHD				
Model Name	DI-380AHD36	DI-380AHDVF	I3-380AHD36	I4-380AHDVF
Image Sensor	1/3" 1.3MP Sensor			
Effective Pixels	1280(H)x960(V)			
Scanning System	Progressive			
Resolution	Digital:1280x720P, Analog:960H			
Min. Illumination	0.01Lux / (0Lux IR On)			
Day & Night	True Day&Night (ICR)			
IR LED	2 LED Array(20m)	3 LED Array(25m)	3 LED Array(25m)	4 LED Array(40m)
OSD Menu	Available (7 Languages, AHD/CVBS Output Selectable)			
Day & Night Mode	EXT, Color, B&W, Auto			
Backlight Compensation	Off/BLC/HSBLC			
S/N Ratio	≥49dB (AGC Off)			
White Balance	ATW,AWC,Indoor,Outdoor,Manual,AWB			
Noise Reduce	2D DNR			
Video Output	AHD/CVBS (Signal Selectable from OSD)			
Defog	Off/On			
Privacy Mask	On/Off (4 Areas)			
Motion Detection	On/Off (4 Areas)			
D-Effect	Freeze, Mirror, Negative Image			
Lens	3.6mm	2.8-12mm	3.6mm	2.8-12mm
Power	DC12V±10%			
Operation temp.	-10 C ~+50 C			
Waterproof	IP66			
Dimension	104*70.8*93.2mm	129.5*90*119mm	206.5*67.6*68.5mm	286*77*85.6mm
Net weight	269g	476g	380g	836g

AHD Cameras



ECO AHD

DI-480AHD36

DI-480AHDVF

I1-480AHD36

I3-480AHD36

I4-480AHDVF

1/4" 1MP Sensor

1280(H)x720(V)

Progressive

Digital:1280x720P, Analog:960H

0.01Lux / (0Lux IR On)

True Day&Night (ICR)

24 LED (15m)

36 LED (25m)

24 LED (15m)

36 LED (25m)

42 LED (35m)

Available(7 Languages, AHD/CVBS Output Selectable)

EXT, Color, B&W, Auto

Off/BLC/HSBLC

≥49dB (AGC Off)

ATW,AWC,Indoor,Outdoor,Manual,AWB

2D DNR

AHD/CVBS (Signal Selectable from OSD)

Off/On

On/Off (4 Areas)

On/Off (4 Areas)

Freeze, Mirror, Negative Image

3.6mm

2.8-12mm

3.6mm

3.6mm

2.8-12mm

DC12V±10%

-10 C ~+50 C

IP66

104*70.8*93.2mm

129.5*90*119mm

163*60*60mm

206.5*67.6*68.5mm

286*77*85.6mm

269g

476g

275g

380g

836g

DVR's Compare Table

Model Name	SA-4100AHD-1(MM)	SA-8200AHD-1(MM)	SA-16200AHD-1	SA-16200AHD(1U)
Format	AHD 720P	AHD Hybrid	AHD Hybrid	AHD Hybrid
Inputs	4CH AHD	8CH AHD/1CH IP	16CH AHD/2CH IP	16CH AHD/2CH IP
Playback Channels	4	8 (1CH IP)	8 (1CH IP)	8 (1CH IP)
Remote Playback Channels	4	1	1	1
Live Preview While Playback	No	No	No	No
Loop	No	No	No	No
Image Capture	Yes	Yes	Yes	Yes
Output Type	VGA,HDMI	VGA, HDMI	VGA,HDMI	VGA,HDMI
Dual Display	Yes	Yes	Yes	Yes
Case	Mini Metal	Mini Metal	Small 1U	1U
Audio Input	1	1 (+IP Camera)	1 (+IP Camera)	4 (+IP Cameras)
Audio Output	1	1	1	1
Two Way Audio	Yes	Yes	Yes	Yes
Mic In	No	No	No	No
Alarm In	No	No	No	16
Alarm Out	No	No	No	1
PTZ Control	RS485	RS485	RS485	RS485
Analog	Recording 960H	100/120 FPS (Total)	200/240 FPS (Total)	400/480 FPS (Total)
	Recording Channels 960H	4ch @ 25/30 FPS	8ch @ 25/30 FPS	16ch @ 25/30 FPS
AHD	Recording 720P	100/120 FPS (Total)	200/240 FPS (Total)	200/240 FPS (Total)
	Recording Channels 720P	4ch @ 25/30 FPS	8ch @ 25/30 FPS	16ch @ 12/15 FPS
IP	Recording 720P	No	25/30 FPS (Total)	50/60 FPS (Total)
	Recording Channels 720P	No	1ch @ 25/30 FPS	2ch @ 25/30 FPS
H.264 Compression	High profile	High profile	High profile	High profile
HDD	1(3TB)	1(3TB)	1(3TB)	2(3TB)
HDD USB Port	1	1	1	1
E-SATA	No	No	No	No
Ethernet	100Mbps	100Mbps	100Mbps	100Mbps
DVD Burner	No	No	No	Optional
Master Stream	1-25/30 FPS @960H	1-25/30 FPS @960H	1-25/30 FPS @960H	1-25/30 FPS @960H
	1-25/30 FPS @720P	1-25/30 FPS @720P	1-25/30 FPS @720P	1-25/30 FPS @720P
Network Stream	1-12/15 FPS @ CIF	1-12/15 FPS @ CIF	1-12/15 FPS @CIF	1-12/15 FPS @CIF
Max Simultaneous Users	10	10	10	10
IR Remote	Yes	Yes	Yes	Yes
IR Extention	No	No	Optional	Optional
Mouse	Yes	Yes	Yes	Yes
Power Supply	DC12V/2A	DC12V/2A	DC12V/3A	DC12V/4A



Now you can see!

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