iiD 2 Secure

2019

Surveillance System

CONTENTS

Extra Benefits, Less Price

• iiD2Secure provides high quality security technology where concepts of both intelligence and integration are imbedded into its products' internal designs in order to meet both cost efficiency and security needs' coverage

• Through iiD2Secure you are able to combine your security technological tools and your physical security with each other into an intelligent integrated design in order to Ease and facilitate your security process as well as escalating the efficiency and accuracy of your security solutions that can as well fit into your budget

• Product line

- Surveillance System

- Access Control System

- X-ray

- Metal detectors

- Turnstile

- Public address systems

ABOUT US

1080p FHD Resolution
The image is more clear and delicate

TVI/XVI/AHD/CVI Support
Supports different video outputs

IR Function
Day/night vision with ir distance that can reach up to 50m

Smart look
Simple yet smart & modern design

Long Transmission Distance
Coaxial transmission distance up to 500 m

UTC
The UTC can allow user to remotely set the camera's OSD through its UTC integrated circuit (IC)image is more clear and delicate

IP 66
Ingression protection of 66 grade for outdoor models

Analog Bullet Cameras

Model	IID-AB2I35M	IID-AB2I50M	IID-AB5I35M	IID-AB5I50M
Appearance				
Image Sensor	1/2.7" 2Mp CMOS	1/2.7" 2Mp CMOS	1/2.7" 5Mp CMOS	1/2.7" 5Mp CMOS
Min. Illumination	0.01Lux @F1.2 (Color)	0.01Lux @F1.2 (Color)	0.01Lux @F1.2 (Color)	0.01Lux @F1.2 (Color)
	0.001Lux @ F1.2 (B&W)	0.001Lux @ F1.2 (B&W)	0.001Lux @ F1.2 (B&W)	0.001Lux @ F1.2 (B&W)
Shutter	-	-	1/50 (1/60) seconds to seconds 1/10,000	1/50 (1/60) seconds to seconds 1/10,000
Lens	3.6mm	2.8-12mm	3.6mm	2.8-12mm
Day/Night	IR-CUT	IR-CUT	IR-CUT	IR-CUT
Max.IR Distance	35m	50m	35m	50m
IR LED	36pcs IR led	42pcs IR led	14μ*18pcs IR led	42pcs IR led
OSD Menu	UTC Control	UTC Control	UTC Control	UTC Control
Wide Dynamic Range	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D	2D	2D	2D
Video Output	XVI/AHD/TVI/CVI	XVI/AHD/TVI/CVI	XVI/AHD/TVI/CVI/CVBS	XVI/AHD/TVI/CVI/CVBS
Audio In	-	-	-	-
Alarm In/Out	-	-	-	-
Ingression Protection	IP66	IP66	IP66	IP66
Working Temperature	-20°～65°	-20°～65°	-20°～65°	-20°～65°
Material	Metal	Metal	Metal	Metal
Power	DC12V±10%	DC12V±10%	DC12V±10%	DC12V±10%

Model	IID-AD2I35P	IID-AD2I40M	IID-AD5I25M	IID-AD5I40M
Appearance				
Image Sensor	1/2.7" 2Mp CMOS	1/2.7" 2Mp CMOS	1/2.7" 5Mp CMOS	1/2.7" 5Mp CMOS
Min. Illumination	0.01Lux @F1.2 (Color) 0.001Lux @ F1.2 (B&W)	0.01Lux @F1.2 (Color) 0.001Lux @ F1.2 (B&W)	0.01Lux @F1.2 (Color) 0.001Lux @ F1.2 (B&W)	0.01Lux @F1.2 (Color) 0.001Lux @ F1.2 (B&W)
Shutter	50Hz:1080P@25fps 60Hz:1080P@30fps	50Hz:1080P@25fps 60Hz:1080P@30fps	-	-
Lens	2.8mm	2.8-12mm	2.8mm	2.8-12mm
Day/Night	IR-CUT	IR-CUT	IR-CUT	IR-CUT
Max.IR Distance	35m	40m	25m	40m
IR LED	36pcs IR led	36pcs IR led	14μ*12pcs IR led	36pcs IR led
OSD Menu	UTC Control	UTC Control	UTC Control	UTC Control
Wide Dynamic Range	DWDR	DWDR	DWDR	DWDR
Noise Reduction	2D	2D	2D	2D
Video Output	XVI/AHD/TVI/CVI	XVI/AHD/TVI/CVI	XVI/AHD/TVI/CVI/CVBS	XVI/AHD/TVI/CVI/CVBS
Audio In	-	-	-	-
Alarm In/Out	-	-	-	-
Ingression Protection	-	IP66	IP66	IP66
Working Temperature	-20°~65°	-20°~65°	-20°~65°	-20°~65°
Material	Plastic	Metal	Metal	Metal
Power	DC12V±10%	DC12V±10%	DC12V±10%	DC12V±10%

Digital Camera Features

ONVIF
Third party ip cameras supported with onvif conformance

2D/3D noise reduction
Noise reduction function ensure the removing image noise from a video signal by applying a digital comb filter It makes images clearer and reduces video file size

H.265+/H.264 video compressions
Super low rate, high definition quality of image

Mobile Monitoring
Support multiple mobile monitoring (IOS, Android)

120dB WDR
WDR function can ensure clear, rich image when facing a sharp lighting contrast thus eliminates dark and over exposed images

Analytic function
Support of alarm line, alarm region goods standard, video block, scene change and other features in intelligent analysis models

IP 66 & IP 67

Ingression protection of both 66 & 67 grade for outdoor models

Smart

Smart functions such as face detection, people counting, etc

POE Functions

Poe function reduce both installation cost and time

Ultra 265

Developed deep compression technology which can save up to 75% cost

Varifocal

A varifocal lens let you adjust the focal length, angle of view, and level of zoom

4K

Bullet, dome, PTZ 4K cameras

Digital Camera Features

Fisheye
High end and entry level models are available

Starlight
Providing crisp color image even under up to 0.0005 lux (F1.2) low light condition

Optical Defog
Forward optical defog technology applies IR for imaging, all lost details in fog weather can be recognized perfectly

Model	IID-DB3I50M	IID- IPC25MWM-LPR	IID- IPC26MWM-LPR	IID-DB2I35M
Appearance				
Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS	2.0M CMOS sensor ,color 0.1Lux @F1.2,black/white 0.01Lux@F1.2
Video compression	H.264/H.265++	H.264/H.265++	H.264/H.265++	H.264/H.265++
Megapixel	3MP	2MP	2MP	2MP
Shutter	1/50(1/60)s to 1/10,000s	1/50(1/60)s to 1/10,000s	1/50(1/60)s to 1/10,000s	1/50(1/60)s to 1/10,000s
Lens	HD dedicated lens 4mm	Starlight F1.6 lens 4mm	F1.2 Starlight lens 4mm	3.6 mm
IR Distance	50m IR ; 5M alarm area	20m	30m	35m
Day and night	IR LED+White Light dual light source	AI warm light; 10 levels adjustable	AI warm light; 10 levels adjustable	N/A
Noise reduction	Support 2D/3D	Support 2D/3D	Support 2D/3D	Support 2D/3D
Wide dynamic Range	Support 2D/3D	True, Not less than 120dB	True, Not less than 120dB	True, Not less than 120dB
ONVIF	support	support	support	support
Special Function	Alarm Camera	Suitable for LPR function	Suitable for LPR function	N/A
Mobile monitoring	Support multiple mobile monitoring (iOS,Android)	Support multiple mobile monitoring (iOS,Android)	Support multiple mobile monitoring (iOS,Android)	Support multiple mobile monitoring (iOS,Android)
Network interface	1*RJ45 10/100M adaptive Ethernet port; support RTSP/FTP/PPPOE/ DHCP/DDNS/NTP/UPnP etc.	1*RJ45 10/100M adaptive Ethernet port; support RTSP/FTP/PPPOE/ DHCP/DDNS/NTP/UPnP etc.	1*RJ45 10/100M adaptive Ethernet port; support RTSP/FTP/PPPOE/ DHCP/DDNS/NTP/UPnP etc.	1*RJ45 10/100M adaptive Ethernet port; support RTSP/FTP/PPPOE/ DHCP/DDNS/NTP/UPnP etc.
Power	DC12V±10%	DC12V±10%	DC12V±10%	DC12V±10%
Ingression Protection	IP66 Waterproof Outdoor	IP66 Waterproof Outdoor	IP66 Waterproof Outdoor	IP66 Waterproof Outdoor
Working Temperature	-20°/70°	-20°/70°	-20°/70°	-20°/70°

Digital Bullet Camera

Model	IID-DB3I25MN	IID-DB3I50MN	IID-DB5I35MN
Appearance			
Sensor	3.0M 1/2.8" IMX291 CMOS sensor ,color 0.0001Lux@F1.2,black/white 0.0001Lux@F1.2	3.0M 1/2.9" IMX323 low illumination CMOS sensor, color 0.01Lux@F1.2,black/white 0.001Lux@F1.2	5.0M 1/2.5" PS5510 CMOS sensor ,color 0.1Lux@F1.2,black/white 0.01Lux@F1.2
Megapixel	3MP	3MP	5MP
Video compression	H.265/H.264,support dual stream, AVI;0.1M~8Mpbs variable;1~30f/s variable	H.265/H.264 support dual stream, AVI;0.1M~8Mpbs variable;1~30f/s variable	H.265/H.264,support dual stream ,AVI;0.1M~10Mpbs variable;1~30f/s variable
Image output	Main stream: 1920*1080@25fps、 1280*720@25fps; sub-stream: 704*576@25fps;	Main stream: 1920*1080@25fps、 1280*720@25fps; sub-stream: 704*576@25fps;	Main stream: 5MP 2592*1944@15fps;4MP 2560*1440@25fps;3MP 2048*1536@25fps; sub-stream: 704*576@25fps;
Shutter	1/50(1/60)s to 1/10,000s	1/50(1/60)s to 1/10,000s	1/50(1/60)s to 1/10,000s
Lens	4mm F1.0 professional black light lens	2.8-12mm lens	3.6mm lens
IR Distance	25m (star-light illumination)	50m	35m
Day and night	Support IR-CUT	Support IR-CUT	Support IR-CUT
Noise reduction	Support 2D/3D	Support 2D/3D	Support 2D/3D
Wide dynamic Range	True, not less than 120dB	True, not less than 120dB	True, not less than 120dB
ONVIF	Support	Support	Support
Mobile monitoring	Support multiple mobile monitoring (iOS.Android)	Support multiple mobile monitoring (iOS.Android)	Support multiple mobile monitoring (iOS.Android)
Network interface	1*RJ45 10/100M adaptive Ethernet port; support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP etc.	1*RJ45 10/100M adaptive Ethernet port; support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP etc.	1*RJ45 10/100M adaptive Ethernet port; support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP etc.
Intelligence analysis	Alarm line, alarm region, goods stranded, video block, fuzzy detection, scene change	Alarm line, alarm region, goods stranded, video block, fuzzy detection, scene change	Alarm line, alarm region, goods stranded, video block, fuzzy detection, scene change
Power	DC12V/2A input, power consumption:≤3W	DC12V/2A input, power consumption:≤3W	DC12V/2A input, power consumption:≤3W
Ingression Protection	IP66 Waterproof Outdoor	IP66	IP66
Working Temperature	-20°～65°	-20°～65°	-20°～65°

Model	IID-DY2I30F40MLTW	IID-DY2I30F40MTW	IID-DB2I50F40MLTSVW
Appearance			
Sensor	1/2.8", progressive scan, CMOS	1/2.7", progressive scan, CMOS	1/2.8", progressive scan, CMOS
Megapixel	2.0 megapixel, Starlight	2.0 megapixel	2.0 megapixel, Starlight
Video compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Image output	Main Stream: 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps	Main Stream: 2MP (1920*1080), Max 30fps Sub Stream: 2MP (1920*1080), Max 30fps Third Stream: D1 (720*576), Max 30fps	Main Stream: 2MP (1920*1080), Max 30fps Sub Stream: 2MP (1920*1080), Max 30fps Third Stream: D1 (720*576), Max 30fps
Shutter	Auto/Manual, 1 ~ 1/100000s	Auto/Manual, 1 ~ 1/100000s	Auto/Manual, 1 ~ 1/100000s
Lens	4.0mm@F1.6	4.0mm@F1.6	4.0mm@F1.6
IR Distance	Up to 30m (98ft) IR range	Up to 30m (98ft) IR range	Up to 50m (164ft) IR range
Day and night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
Noise reduction	2D/3D DNR	2D/3D DNR	2D/3D DNR
Wide dynamic Range	120dB	120dB	120dB
ONVIF	ONVIF (Profile S, Profile T)	ONVIF (Profile S, Profile T)	ONVIF (Profile S, Profile T)
Mobile monitoring	Support multiple mobile monitoring (IOS, Android)	Support multiple mobile monitoring (IOS, Android)	Support multiple mobile monitoring (IOS, Android)
Network interface	1 RJ45 10M/100M Base-TX Ethernet	1 RJ45 10M/100M Base-TX Ethernet	1 RJ45 10M/100M Base-TX Ethernet
Power	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)
Ingression Protection	IP67	IP67	IP67
Working Temperature	-35℃ ~ 60℃ (-31°F ~ 140°F)	-35℃ ~ 60℃ (-31°F ~ 140°F)	-35℃ ~ 60℃ (-31°F ~ 140°F)

Digital Bullet Camera

Model	IID-DY2I30F40MAMTW	IID-DB2I50M1MAMTSW	IID-DB2I50Z1MAMTSW
Appearance			
Sensor	1/2.7", progressive scan, CMOS	1/2.7", progressive scan, CMOS	1/2.8", progressive scan, CMOS
Megapixel	2.0 megapixel	2.0 megapixel	2.0 megapixel
Video compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Image output	Main Stream: 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps	Main Stream: 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps	Main Stream: 2MP (1920*1080), Max 30fps Sub Stream: 2MP (1920*1080), Max 30fps Third Stream: D1 (720*576), Max 30fps
Shutter	Auto/Manual, 1 ~ 1/100000s	Auto/Manual, 1 ~ 1/100000s	Auto/Manual, 1 ~ 1/100000s
Lens	4.0mm@F1.6	2.8 ~ 12mm@F1.6	2.8~12mm,AF automatic focusing and motorized zoom lens
IR Distance	Up to 30m (98ft) IR range	Up to 50m (164ft) IR range	Up to 50m (164ft) IR range
Day and night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
Noise reduction	2D/3D DNR	2D/3D DNR	2D/3D DNR
Wide dynamic Range	120dB	120dB	120dB
ONVIF	ONVIF (Profile S, Profile T)	ONVIF (Profile S, Profile G, Profile T)	ONVIF (Profile S, Profile G, Profile T)
Mobile monitoring	Support multiple mobile monitoring (IOS, Android)	Support multiple mobile monitoring (IOS, Android)	Support multiple mobile monitoring (IOS, Android)
Network interface	1 RJ45 10M/100M Base-TX Ethernet	1 RJ45 10M/100M Base-TX Ethernet	1 RJ45 10M/100M Base-TX Ethernet
Power	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)
Ingression Protection	IP67	IP67	IP67
Working Temperature	-35℃ ~ 60℃ (-31°F ~ 140°F)	-35℃ ~ 60℃ (-31°F ~ 140°F)	-35℃ ~ 60℃ (-31°F ~ 140°F)

Model	IID-DB5I50MN	IID-DB2I50MNVH(Z)
Appearance		
Sensor	5.0M 1/2.5" PS5510 CMOS sensor ,color 0.1Lux@F1.2,black/white 0.01Lux@F1.2	1/2.9", progressive scan, 2.0Megapixel, CMOS
Megapixel	5MP	2MP
Video compression	H.265/H.264,support dual stream, AVI;0.1M~10Mpbs variable;1~30f/s variable	Ultra 265,H.265, H.264, MJPEG
Image output	Main stream: 5MP 2592*1944@15fps;4MP 2560*1440@25fps; 3MP 2048*1536@25fps; sub-stream: 704*576@25fps;	Main Stream:2MP (1920×1080): Max. 30 fps; Sub Stream: 2MP (1920×1080): Max. 30 fps; Third Stream:D1 (720×576): Max.30 fps
Shutter	1/50(1/60)s to 1/10,000s	Auto/Manual, 1/6~1/100000s
Lens	2.8-12mm lens	2.8~12mm@F1.4 (Z Model with Automized focus & motoraized zoom)
IR Distance	50m	Up to 50m
Day and night	Support IR-CUT	Support IR-CUT
Noise reduction	Support 2D/3D	Support 2D/3D
Wide dynamic Range	True, not less than 120dB	True, not less than 120dB
ONVIF	Support	Support
Mobile monitoring	Support multiple mobile monitoring (iOS、Android)	Support multiple mobile monitoring (iOS、Android)
Network interface	1*RJ45 10/100M adaptive Ethernet port; support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP etc.	1 RJ 45 10M/100M Base-TX Ethernet
Intelligence analysis	Alarm line, alarm region, goods stranded, video block, fuzzy detection, scene change	Behavior Detection - Intrusion - cross line - motion detection Recognition - Intelligent Identification - Statistical Analysis
Power	DC12V/2A input, power consumption:≤3W	12 V DC±25%, PoE (IEEE802.3 af) Power consumption: Max 9W
Ingression Protection	IP66	IP67
Working Temperature	-20° ~ 65°	-35° ~ 60°

Digital Bullet Camera

Model	IID-DB2I50Z2MAMLTSW	IID-DB4I30M1MAMTSW
Appearance		
Sensor	Ultra 265, H.265, H.264, MJPEG	1/3", progressive scan, CMOS
Megapixel	2.0 megapixel, Starlight	4.0 megapixel
Video compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Image output	Main Stream: 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps	Main Stream: 4MP (2592*1520), Max 20fps; 4MP (2560*1440), Max 25fps; 3MP (2048*1520), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps
Shutter	Auto/Manual, 1 ~ 1/100000s	Auto/Manual, 1 ~ 1/100000s
Lens	2.7~13.5mm,AF automatic focusing and motorized zoom lens	2.8 ~ 12mm@F1.4
IR Distance	Up to 50m (164ft) IR range	Up to 30m (98ft) IR range
Day and night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
Noise reduction	2D/3D DNR	2D/3D DNR
Wide dynamic Range	120dB	120dB
ONVIF	ONVIF (Profile S, Profile G, Profile T)	ONVIF (Profile S, Profile G, Profile T)
Mobile monitoring	Support multiple mobile monitoring (IOS, Android)	Support multiple mobile monitoring (IOS, Android)
Network interface	1 RJ45 10M/100M Base-TX Ethernet	1 RJ45 10M/100M Base-TX Ethernet
Power	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)
Ingression Protection	IP67	IP67
Working Temperature	35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)

Model	IID-DB4I30Z1MAMTSW	IID-DB5I50Z2MAMLTSW
Appearance		
Sensor	1/3", progressive scan, CMOS	1/2.7", progressive scan, CMOS
Megapixel	4.0 megapixel	5.0 megapixel, Starlight
Video compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Image output	Main Stream: 4MP (2592*1520), Max 20fps; 4MP (2560*1440), Max 25fps; 3MP (2048*1520), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps	Main Stream: 5MP (2592*1944), Max 20fps; 5MP (2592*1944), Max 25fps (WDR OFF); 4MP (2560*1440), Max 30fps; 3MP (2048*1536), Max 30fps; 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*765), Max 30fps
Shutter	Auto/Manual, 1 ~ 1/100000s	Auto/Manual, 1 ~ 1/100000s
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens	2.7 ~ 13.5mm, AF automatic focusing and motorized zoom lens
IR Distance	Up to 30m (98ft) IR range	Up to 50m (164ft) IR range
Day and night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
Noise reduction	2D/3D DNR	2D/3D DNR
Wide dynamic Range	120dB	120dB
ONVIF	ONVIF (Profile S, Profile G, Profile T)	ONVIF (Profile S, Profile G, Profile T)
Mobile monitoring	Support multiple mobile monitoring (IOS, Android)	Support multiple mobile monitoring (IOS, Android)
Network interface	1 RJ45 10M/100M Base-TX Ethernet	1 RJ45 10M/100M Base-TX Ethernet
Power	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)
Ingression Protection	IP67	IP67
Working Temperature	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)

Digital Dome Cameras

Model	IID-DD2I35P	IID-DD3I40MN	IID-DD5I25MN
Appearance			
Sensor	2.0M CMOS sensor ,color 0.1Lux@F1.2,black/white 0.01Lux@F1.2	3.0M 1/2.9" IMX323 low illumination CMOS sensor, color 0.01Lux@F1.2,black/white 0.001Lux@F1.2	5.0M 1/2.5" PS5510 CMOS sensor ,color 0.1Lux@F1.2,black/white 0.01Lux@F1.23MP
megapixel	2MP	3MP	5MP
Video compression	H.265+/H.264,support dual stream, AVI;0.1M~8Mpbs variable;1~30f/s variable	H.265/H.264 support dual stream, AVI;0.1M~8Mpbs variable;1~30f/s variable	H.265/H.264,support dual stream, AVI;0.1M~10Mpbs variable;1~30f/s variable
Image output	Main stream: 1920*1080@25fps,1280*720 @25fps; sub-stream: 704*576@25fps;	Main stream: 1920*1080@25fps 1280*720@25fps; sub-stream: 704*576@25fps;	Main stream: 5MP 2592*1944@15fps;4MP 2560*1440 @25fps;3MP 2048*1536@25fps; sub-stream: 704*576@25fps;
Shutter	1/50(1/60)s to 1/10,000s	1/50(1/60)s to 1/10,000s	1/50(1/60)s to 1/10,000s
Lens	2.8mm	2.8-12mm lens	2.8mm lens
IR Distance	35m	40m	25m
Day and night	Support IR-CUT	Support IR-CUT	Support IR-CUT
Noise reduction	Support 2D/3D	Support 2D/3D	Support 2D/3D
Wide dynamic Range	True, not less than 120dB	True, not less than 120dB	True, not less than 120dB
ONVIF	Support	Support	Support
Mobile monitoring	Support multiple mobile monitoring (iOS、Android)	Support multiple mobile monitoring (iOS、Android)	Support multiple mobile monitoring (iOS、Android)
Network interface	1*RJ45 10/100M adaptive Ethernet port; support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP etc.	1*RJ45 10/100M adaptive Ethernet port; support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP etc.	1*RJ45 10/100M adaptive Ethernet port; support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP etc.
Intelligence analysis	N/A	Alarm line, alarm region, goods stranded, video block, fuzzy detection, scene change	Alarm line, alarm region, goods stranded, video block, fuzzy detection, scene change
Power	DC12V/2A input, power consumption:≤3W	DC12V/2A input, power consumption:≤3W	DC12V/2A input, power consumption:≤3W
Ingression Protection	Indoor	IP66	IP66
Working Temperature	-20°～65°	-20°～65°	-20°～65°

Model	IID-DD2I30F28MAMLTSVW	IID-DD2I30F28MAMTSVW	IID-DD2I30M1MAMTSVW
Appearance			
Sensor	1/2.8", progressive scan, CMOS	1/2.8", progressive scan, CMOS	1/2.8", progressive scan, CMOS
Megapixel	2.0 megapixel, Starlight	2.0 megapixel	2.0 megapixel
Video compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Image output	Main Stream: 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps	Main Stream: 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps	Main Stream: 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps
Shutter	Auto/Manual, 1 ~ 1/100000s	Auto/Manual, 1 ~ 1/100000s	Auto/Manual, 1 ~ 1/100000s
Lens	2.8mm@F1.6	2.8mm@F1.6	2.8 ~ 12mm@ F1.6
IR Distance	Up to 30m (98ft) IR range	Up to 30m (98ft) IR range	Up to 30m (98ft) IR range
Day and night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
Noise reduction	2D/3D DNR	2D/3D DNR	2D/3D DNR
Wide dynamic Range	120dB	120dB	120dB
ONVIF	ONVIF (Profile S, Profile G, Profile T)	ONVIF (Profile S, Profile G, Profile T)	ONVIF (Profile S, Profile G, Profile T)
Mobile monitoring	Support multiple mobile monitoring (IOS, Android)	Support multiple mobile monitoring (IOS, Android)	Support multiple mobile monitoring (IOS, Android)
Network interface	1 RJ45 10M/100M Base-TX Ethernet	1 RJ45 10M/100M Base-TX Ethernet	1 RJ45 10M/100M Base-TX Ethernet
Power	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)
Ingression Protection	IP67	IP67	IP67
Working Temperature	-35℃ ~ 60℃ (-31°F ~ 140°F)	-35℃ ~ 60℃ (-31°F ~ 140°F)	-35℃ ~ 60℃ (-31°F ~ 140°F)

Digital Dome Cameras

Model	IID-DD2I30Z1MAMTSVW	IID-DD2I30Z2MAMLTSVW	IID-DD4I30M1MAMTSVW
Appearance			
Sensor	1/2.8", progressive scan, CMOS	1/2.8", progressive scan, CMOS	1/3", progressive scan, CMOS
Megapixel	2.0 megapixel	2.0 megapixel, Starlight	4.0 megapixel
Video compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Image output	Main Stream: 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps	Main Stream: 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps	Main Stream: 4MP (2592*1520), Max 20fps; 4MP (2560*1440), Max 25fps; 3MP (2048*1520), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps
Shutter	Auto/Manual, 1 ~ 1/100000s	Auto/Manual, 1 ~ 1/100000s	Auto/Manual, 1 ~ 1/100000s
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens	2.7 ~ 13.5mm, AF automatic focusing and motorized zoom lens	2.8 ~ 12mm@F1.4
IR Distance	Up to 30m (98ft) IR range	Up to 30m (98ft) IR range	Up to 30m (98ft) IR range
Day and night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
Noise reduction	2D/3D DNR	2D/3D DNR	2D/3D DNR
Wide dynamic Range	120dB	120dB	120dB
ONVIF	ONVIF (Profile S, Profile G, Profile T)	ONVIF (Profile S, Profile G, Profile T)	ONVIF (Profile S, Profile G, Profile T)
Mobile monitoring	Support multiple mobile monitoring (IOS, Android)	Support multiple mobile monitoring (IOS, Android)	Support multiple mobile monitoring (IOS, Android)
Network interface	1 RJ45 10M/100M Base-TX Ethernet	1 RJ45 10M/100M Base-TX Ethernet	1 RJ45 10M/100M Base-TX Ethernet
Power	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)
Ingression Protection	IP67	IP67	IP67
Working Temperature	-35℃ ~ 60℃ (-31°F ~ 140°F)	-35℃ ~ 60℃ (-31°F ~ 140°F)	-35℃ ~ 60℃ (-31°F ~ 140°F)

Model	IID-DD5I40MN	IID-DD2I30MNVH (A)	IID-DD2I30MNVHZ (A)
Appearance			
Sensor	5.0M 1/2.5" PS5510 CMOS sensor ,color 0.1Lux@F1.2,black/white 0.01Lux@F1.2	1/2.9", progressive scan ,2.0 megapixel, CMOS	1/2.9", progressive scan ,2.0 megapixel, CMOS
Megapixel	5MP	2MP	2MP
Video compression	H.265/H.264,support dual stream, AVI;0.1M~10Mpbs variable;1~30f/s variable	Ultra 265,H.265, H.264, MJPEG	Ultra 265,H.265, H.264, MJPEG
Image output	Main stream: 5MP 2592*1944@15fps;4MP 2560*1440@25fps;3MP 2048*1536@25fps sub-stream: 704*576@25fps;	Main Stream:2MP (1920×1080): Max. 30 fps; Sub Stream 2MP (1920×1080): Max. 30 fps; Third Stream:D1 (720×576) Max. 30 fps	Main Stream:2MP (1920×1080): Max. 30 fps; Sub Stream 2MP (1920×1080): Max. 30 fps; Third Stream:D1 (720×576) Max. 30 fps
Shutter	1/50(1/60)s to 1/10,000s	Auto/Manual, 1/6~1/100000 s	Auto/Manual, 1/6~1/100000 s
Lens	2.8-12mm lens	2.8~12mm@ F1.4	2.8~12mm Automized focus & motoraized zoom
IR Distance	40m	30m	30m
Day and night	Support IR-CUT	Support IR-CUT	Support IR-CUT
Noise reduction	Support 2D/3D	Support 2D/3D	Support 2D/3D
Wide dynamic Range	True, not less than 120dB	True, not less than 120dB	True, not less than 120dB
ONVIF	Support	Support	Support
Mobile monitoring	Support multiple mobile monitoring (iOS、Android)	Support multiple mobile monitoring (iOS、Android)	Support multiple mobile monitoring (iOS、Android)
Network interface	1*RJ45 10/100M adaptive Ethernet port; support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP etc.	1 RJ45 10M/100M Base-TX Ethernet	1 RJ45 10M/100M Base-TX Ethernet
Intelligence analysis	Alarm line, alarm region, goods stranded, video block, fuzzy detection, scene change	Behavior Detection - Intrusion - cross line - motion detection Recognition - Intelligent Identification - Statistical Analysis	Behavior Detection - Intrusion - cross line - motion detection Recognition - Intelligent Identification - Statistical Analysis
Power	DC12V/2A input, power consumption:≤3W	DC12V±25%, PoE (IEEE802.3 af) - Power consumption: max. 7.2 W	DC12V±25%, PoE (IEEE802.3 af) - Power consumption: max. 7.2 W
Ingression Protection	IP66	IP67	IP67
Working Temperature	-20°~65°	-40° ~ 60°	-40° ~ 60°

Digital Dome Cameras

Model	IID-DD4I30Z1MAMTSVW	IID-DD5I3Z2MAMLTSVW
Appearance		
Sensor	1/3", progressive scan, CMOS	1/3", progressive scan, CMOS
Megapixel	4.0 megapixel	4.0 megapixel
Video compression	Ultra 265, H.265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
Image output	Main Stream: 4MP (2592*1520), Max 20fps; 4MP (2560*1440), Max 25fps; 3MP (2048*1520), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps	Main Stream: 5MP (2592*1944), Max 20fps; 5MP (2592*1944), Max 25fps (WDR OFF); 4MP (2560*1440), Max 30fps; 3MP (2048*1536), Max 30fps; 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps
Shutter	Auto/Manual, 1 ~ 1/100000s	Auto/Manual, 1 ~ 1/100000s
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens	2.7 ~ 13.5mm, AF automatic focusing and motorized zoom lens
IR Distance	Up to 30m (98ft) IR range	Up to 30m (98ft) IR range
Day and night	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
Noise reduction	2D/3D DNR	2D/3D DNR
Wide dynamic Range	120dB	120dB
ONVIF	ONVIF (Profile S, Profile G, Profile T)	ONVIF (Profile S, Profile G, Profile T)
Mobile monitoring	Support multiple mobile monitoring (IOS, Android)	Support multiple mobile monitoring (IOS, Android)
Network interface	1 RJ45 10M/100M Base-TX Ethernet	1 RJ45 10M/100M Base-TX Ethernet
Power	DC 12V±25%, PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE 802.3af)
Ingression Protection	IP67	IP67
Working Temperature	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)

Model	IID-DZ2I15020XMANMTSW	IID-DZ2I15030XMANMTSVW	IID-DT5I30Z2MANMLTSV
Appearance			
Sensor	1/2.8", progressive scan, CMOS	1/2.8", progressive scan, CMOS	1/2.7", progressive scan, CMOS
Megapixel	2.0 megapixel	2.0 megapixel	5.0 megapixel
Minimum illumination	Colour: 0.001Lux (F1.5, AGC ON) 0Lux with IR	Colour: 0.001Lux (F1.5, AGC ON) 0Lux with IR	Starlight Colour: 0.001Lux (F1.5, AGC ON) 0Lux with IR
Shutter	Auto/Manual; shutter time: 1 ~ 1/100000s	Auto/Manual; shutter time: 1 ~ 1/100000s	Auto/Manual; shutter time: 1 ~ 1/100000s
Frame mode	Main Stream: 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps	Main Stream: 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps	Main Stream:5M (2592*1944):Max. 30 fps; Sub Stream: 720P (1280×720):Max. 30 fps; Third Stream: D1 (720×576): Max. 30 fps
Day/night mode	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)	IR-cut filter with auto switch (ICR)
IR distance	UP to 150m (492ft)	UP to 150m (492ft)	UP to 30m (98ft)
Intelligence analysis	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication	Intrusion, cross line, motion detection Face detection、 Audio detection Defocus, Scene Change, Object Left, Object Moving People counting, etc.
Wide dynamic Range	120dB	120dB	120dB
Preset	1024	1024	1024
Optical zoom	20	30	5
Pan range	360° (endless)	360° (endless)	350°
Tilt range	−15° ~ 90° (auto reverse)	−15° ~ 90° (auto reverse)	0° ~ 90°
Storage function	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB
Audio interface I/0	1/1	1/1	1/1
Operating temperature	40℃ ~ 65℃ (-40℉ ~ 149℉)	40℃ ~ 65℃ (-40℉ ~ 149℉)	40℃ ~ 65℃ (-40℉ ~ 149℉)
Power supply	AC 24V±25%, PoE (PSE Required)	24 V AC±25%, 24 V DC±25%,PoE (PSE Required)	DC 12V±25%, PoE (IEEE802.3 at)
Protection level	IP66	IP66	—

Digital PTZ camera

Model	IID-DD2I150MVZ	IID-DD2I150MNVZH (P)
Appearance		
Sensor	1/3" Low Illumination CMOS Sensor	1/2.8", progressive scan,2.0megapixel, CMOS
Megapixel	2MP	2MP
Minimum illumination	Color: 0.01Lux @(F1.2,AGC ON); 0 Lux with IR	Color: 0.01 lux (F1.6, AGC ON) 0 lux with IR
Shutter	1/50 (1/60) seconds to 1/10,000 seconds	Auto/Manual; shutter time: 1/6 s ~ 1/100000 s
Frame mode	PAL mode: 2MP@25fps NTSC mode: 2MP@30fps	Main Stream:2MP (1920×1080):Max. 30 fps; Sub Stream: 2MP (1920×1080):Max. 30 fps; Third Stream: D1 (720×576): Max. 30 fps
Day/night mode	Support IR-CUT	IR-cut filter with auto switch (ICR)
IR distance	150 meters	150 meters
Intelligence analysis	N/A	Behavior Detection - Intrusion - cross line - motion detection auto tracking - Recognition - Intelligent Identification - Statistical Analysis
Wide dynamic Range	True, not less than 120dB	True, not less than 120dB
Preset	255	1024
Optical zoom	30X	30X
Pan range	0°～360° Continuous rotation	0°～360° Continuous rotation
Tilt range	-15°～90°	-15°～90°
Storage function	Micro SD card up to 32G	Micro SD, up to 128 GB
Audio interface I/0	0/0	1/1
Operating temperature	-30°C-65°C	−40° ~ +65°
Power supply	DC12V	24 V AC±25%, 24 V DC±25% (P Model Support PoE Function)
Protection level	IP66	IP66

ONVIF
Third party ip cameras supported with onvif conformance

XVR
Support six signals XVI/AHD/ TVI/CVI/CVBS/IP

UPS
UPS models support the function

Remote Access
With DNS (ARSP), easy to monitor remotely

Intelligent analysis
Analytic models support function as perimeter alert, item retention video diagnosis, etc

Mobile monitoring
Support multiple mobile monitoring (IOS, Android)

Analytic XVR

Model	IID-XVR04AN	IID-XVR08AN	IID-XVR16AN
Appearance			
Main processor	Hi3521D	Hi3521D	Hi3521D
Codec	H.265+	H.265+/H.265/H.264+/H.264	H.265+
Monitor quality	VGA(1080P at most);HDMI(4K at most)	VGA(1080P at most);HDMI(4K at most)	VGA(1080P at most);HDMI(4K at most)
Motion Detection	Each screen can be set to 192 (16 * 12) detection areas; multi-level sensitivity can be set (Limited local channel)	Each screen can be set to 192 (16 * 12) detection areas; multi-level sensitivity can be set (Limited local channel)	Each screen can be set to 192 (16 * 12) detection areas; multi-level sensitivity can be set (Limited local channel)
Video storage	HDD, network	HDD, network	HDD, network
Backup mode	Network, USB hard disk, USB burner, SATA burner	Network, USB hard disk, USB burner, SATA burner	Network, USB hard disk, USB burner, SATA burner
Video input	4ch BNC	8ch BNC	16ch BNC
Video output	1ch VGA, 1ch HDMI	1ch VGA, 1ch HDMI	1ch VGA, 1ch HDMI
Audio I/O	4/1	8/1	6/1
Alarm I/O	0/0	4/1	4/1
Network interface	RJ45 10M/100M self-adaption	RJ45 10M/100M self-adaption	RJ45 10M/100M self-adaption
HDD	1*SATA ports (Max 8TB/per)	1*SATA ports (Max 8TB/per)	2*SATA ports (Max 8TB/per)
Wireless	3G, WIFI (extend via USB)	3G, WIFI (extend via USB)	3G, WIFI (extend via USB)
Power supply	12V/4A	12V/4A	12V/4A
Power Consumption	<15W (without HDD)	<15W (without HDD)	<15W (without HDD)
Working environment	Temperature:0℃—+55℃ Humidity:10%—90%℃ Atm:86kpa—106kpa	Temperature:0℃—+55℃ Humidity:10%—90%℃ Atm:86kpa—106kpa	Temperature:0℃—+55℃ Humidity:10%—90%℃ Atm:86kpa—106kpa
Dimension	178mm*87mm	200mm*85mm	270mm*90mm
Weight	140g	182g	250g

Model	IID-XVR04UPS	IID-XVR08UPS
Appearance		
Main chip	Hi3520D	Hi3520D
OS	LINUX	LINUX
System Resources	Multi-channel Real-time recording, Multi-channel playback, Multi-channel network operation, USB Backup	Multi-channel Real-time recording, Multi-channel playback, Multi-channel network operation, USB Backup
Operation menu	16-bit true color graphical menu interface, mouse operation supported	16-bit true color graphical menu interface, mouse operation supported
Format	H.264	H.264
Output	VGA、HDMI	VGA、HDMI
Motion Detect	Each view window can set 192 （16*12） detection area, can set multi-level sensitivity (only for local channel)	Each view window can set 192 （16*12） detection area, can set multi-level sensitivity (only for local channel)
Recording mode	Manual、Alarm、Motion Detect、Timer	Manual、Alarm、Motion Detect、Timer
UPC power	Support	Support
Storage	Local HDD, Network1 * VGA，1 * HDMI	Local HDD, Network1 * VGA，1 * HDMI
Backup	Network back, USB Drive, HDD	Network back, USB Drive, HDD
Video Output	1 * VGA，1 * HDMI	1 * VGA，1 * HDMI
Audio Input	4 * RCA	4 * RCA
Audio Output	1 * RCA	1 * RCA
Alarm Input	N/A	N/A
Alarm Output	N/A	N/A
Network port	RJ45 10M/100M	RJ45 10M/100M
HDD Port	1 * SATA hdd ports （up to 6T for each one）	1 * SATA hdd ports （up to 6T for each one）
Wireless Port	3G、WIFI(can be USB WIFI Dongle)	3G、WIFI(can be USB WIFI Dongle)
Power	1*HDD: 12V/2A 2*HDD: 12V/5A	1*HDD: 12V/2A 2*HDD: 12V/5A
Power consumption	Less than 15W （no HDD）	Less than 15W （no HDD）
Working temperature	0℃—+55℃	0℃—+55℃

Basic XVR

Model	IID-XVR04P	IID-XVR08P	IID-XVR16P
Appearance			
Main chip	Hi3520D	Hi3521A	Hi3521A
OS	LINUX	LINUX	LINUX
System Resources	Multi-channel Real-time recording, Multi-channel playback, Multi-channel network operation, USB Backup	Multi-channel Real-time recording, Multi-channel playback, Multi-channel network operation, USB Backup	Multi-channel Real-time recording, Multi-channel playback, Multi-channel network operation, USB Backup
Operation menu	16-bit true color graphical menu interface, mouse operation supported	16-bit true color graphical menu interface, mouse operation supported	16-bit true color graphical menu interface, mouse operation supported
Display	1/4	1/4/8/9	1/4/8/9/16
Format	H.264	H.264	H.264
Output	VGA,HDMI	VGA,HDMI;HD	VGA,HDMI;HD
Motion Detect	Each view window can set 192 （16*12） detection area, can set multi-level sensitity (only for local channel)	Each view window can set 192 （16*12） detection area, can set multi-level sensitity (only for local channel)	Each view window can set 192 （16*12） detection area, can set multi-level sensitity (only for local channel)
Storage	Local HDD, Network	Local HDD, Network	Local HDD, Network
Backup	Network back, USB Drive, HDD	Network back, USB Drive, HDD	Network back, USB Drive, HDD
Video Output	1 * VGA,1 * HDMI	1 * VGA,1 * HDMI	1 * VGA,1 * HDMI
Audio Input	4 * RCA	8 * RCA	6 channel
Audio Output	1 * RCA	1 * RCA	1 * RCA
Alarm Input	N/A	4 channel	4 channel
Alarm Output	N/A	1 channel	1 channel
Network port	RJ45 10M/100M	RJ45 10M/100M	RJ45 10M/100M
Wireless Port	3G,WIFI(can be USB WIFI Dongle)	3G,WIFI(can be USB WIFI Dongle)	3G,WIFI(can be USB WIFI Dongle)
Power	1*HDD: 12V/2A 2*HDD: 12V/5A	1*HDD: 12V/2A 2*HDD: 12V/5A	2*HDD: 12V/5A 4 * HDD: 12V/6A
Power consumption	Less than 15W （no HDD）	Less than 15W （no HDD）	Less than 15W （no HDD）
Working temperature	0℃—+55℃	0℃—+55℃	0℃—+55℃

ONVIF
Third party ip cameras supported with onvif conformance

Mobile monitoring
Support multiple mobile monitoring (IOS, Android)

Plug and play
Support PnP for easy ip camera discovery and usage

VCA
VCA is an intelligent video analysis function supporting face detection, intrusion detection, cross line detection and people counting

Cloud upgrade
Automatic detection to the latest firmware and upgrade just by clicking

Long range POE
With cat5e and cat6 cables POE transmission could reach up to 300m

High security
We adopt different password security level between LAN and WAN

RAID
Various RAID modes are supported such as RAID0,1,5,6,10 providing reliable storage

Basic NVR

Model	IID-NVR16P	IID-NVR32P
Appearance		
Main processor	Hi3536D	Hi3536
Operating system	Embedded Systems	Embedded LINUX operating system
Video access	16ch 5MP	4ch 4K/8ch 5M/16ch 4M/16ch 3M/32ch 5MP
Synchronous playback	2ch 5MP	4ch 5M/4ch 4M/8ch 3M/4ch 1080P
Decoding type	H.265+/H.264+	H.265/H.264
Audio compression	G.711A	G.711A
Voice intercom	stand by	stand by
Video mode	Manual Recording > Alarm Recording > Dynamic Detection Recording > Timed	Manual Recording > Alarm Recording > Dynamic Detection Recording > Timed Recording
Video query	Point-in-time retrieval, calendar retrieval, event retrieval, channel retrieval	Point-in-time retrieval, calendar retrieval, event retrieval, channel retrieval
Video saving	Local hard disk storage, network storage	Local hard disk storage, network storage
Backup method	Network backup, USB backup, SATA burning	Network backup, USB backup, SATA burning
HDMI interface	1 HDMI interface (output resolution: MAX 1080P)	1 HDMI interface (output resolution: MAX 4K)
VGA interface	1 VGA interface (output resolution: MAX 1080P)	1 VGA interface (output resolution: MAX 1080P)
Network Interface	1 RJ45 10M/100M adaptive Ethernet port	1 RJ45 10M/100/1000M adaptive Ethernet port
POE interface	No	No
Audio I/O	0/0	1/1
Alarm I/O	0/0	16/4
USB interface	2 USB2.0 interfaces	2 USB2.0 ports, 1 USB3.0 interface
Hard disk interface	1 SATA interface (single maximum support 8T)	4 SATA interfaces (single maximum support 6T)
Operating temperature	0℃-+55℃	0℃-+55℃
Working humidity	10%-90% RH	10%-90% RH
power supply	DC12V/2.5A power supply	DC12V/6A power supply
Power consumption	<10W (without hard disk)	<10W (without hard disk)
weight	About 1KG	About 4.0KG
Size	258mm (length) * 223mm (width) * 44mm (height)	420mm (length) * 266mm (width) * 65mm (height)

Model	IID-NVR16P2SA	IID-NVR16P2S16PAM
Appearance		
Preview	3/4/5/7/9/10/12/16	3/4/5/7/9/10/12/16
Video input (IP)	16	16
Access bandwidth	112Mbps	112Mbps
Forwarding bandwidth	96Mbps	96Mbps
Decode	Ultra265/H.265/H.264	Ultra265/H.265/H.264
Video output	HDMI: 4K (3840x2160)@30, 1920x1080p@60, 1920x1080p@50, 1600x1200@60, 1280x1024@60, 1280x720@60,1024x768@60 VGA: 1920x1080p@60, 1920x1080p@50, 1280x1024@60, 1280x720@60, 1024x768@60	VGA: 1024X768@60,1280X720@60,1280X1024@60, 1920X1080@50,1920X1080@60 HDMI:4k(3840x2160@30), 4k(3840x2160@60),1024X768@60,1280X720@60,1280X1024@60, 1920X1080@50,1920X1080@60
Audio I/O	1/1	1/1
Alarm I/O	0/0	4/1
Network interface	1 RJ-45 10M/100M/1000M self-adaptive Ethernet Interface	1 RJ-45 10M/100M/1000M self-adaptive Ethernet Interface
USB interface	Rear panel: 1 x USB2.0, Front panel: 1 x USB2.0	Rear panel: 1 x USB2.0, Front panel: 1 x USB2.0
HDD	2 SATA interface / up to 10TB for each disk	2 SATA interface / up to 10TB for each disk
Serial interface	N/A	N/A
ONVIF	Support	Support
Power supply	12V DC	220V AC

Basic NVR

Model	IID-NVR08P2S8PAM	IID-NVR16P2S8PAM
Appearance		
Preview	3/4/5/7/9	3/4/5/7/9
Video input (IP)	8	8
Access bandwidth	80Mbps	80Mbps
Forwarding bandwidth	160Mbps	160Mbps
Decode	Ultra265/H.265/H.264	Ultra265/H.265/H.264
Video output	VGA: 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz HDMI: 4K (3840x2160) /60Hz, 4K (3840x2160) /30Hz, 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz	VGA:1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz HDMI: 4K (3840x2160) /60Hz, 4K (3840x2160) /30Hz, 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz
Audio I/O	1/1	1/1
Alarm I/O	4/1	4/1
Network interface	1 RJ-45 10M/100M/1000M self-adaptive Ethernet Interface	1 RJ-45 10M/100M/1000M self-adaptive Ethernet Interface
USB interface	Rear panel: 1 x USB2.0, Front panel: 1 x USB2.0	Rear panel: 1 x USB2.0, Front panel: 1 x USB2.0
HDD	2 SATA interface / up to 10TB for each disk	2 SATA interface / up to 10TB for each disk
Serial interface	N/A	N/A
ONVIF	Support	Support
Power supply	100 ~ 240 V AC	100 ~ 240 V AC

Model	IID-NVR08N	IID-NVR16NH4S	IID-NVR32NH4S
Appearance			
Preview	1/4/9	3/4/5/7/9/10/12/16	3/4/5/7/9/10/12/16/32
Video input (IP)	8*4M	16-ch	32-ch
Access bandwidth	64Mbps	160Mbps	320Mbps
Forwarding bandwidth	36Mbps	320Mbps	320Mbps
Decode	1*4M	Ultra 265, H.265, H.264	Ultra 265, H.265, H.264
Video output	1ch VGA, 1ch HDMI HD output	HDMI1/VGA: 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz HDMI2: 4K (3840x2160) /60Hz, 4K (3840x2160) /30Hz, 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz	HDMI1/VGA: 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz HDMI2: 4K (3840x2160) /60Hz, 4K (3840x2160) /30Hz, 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz
Audio I/O	0/0	1/1	1/1
Alarm I/O	0/0	16/4	16/4
Network interface	1*RJ45 10M/100M Adaptive Ethernet port	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
USB interface	2*USB2.0 ports	Front panel: 1 x USB2.0 - Rear panel: 1 x USB2.0, 1 x USB3.0	Front panel: 1 x USB2.0 - Rear panel: 1 x USB2.0, 1 x USB3.0
HDD	1* SATA(Up to 8TB for each disk)	4 SATA interfaces up to 8TB for each HDD	4 SATA interfaces up to 8TB for each HDD
Serial interface	No	1 x RS485	1 x RS485
ONVIF	Support	Support	Support
Power supply	12V/2A	12V DC	12V DC
Power Consumption	<10W(Without HDD)	≤ 12W(without HDD)	≤ 12W(without HDD)
Work environment	Temperature:0°C－55°C , Humidity:10%－90%RH Atm:86kpa－106kp	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH(non-condensing)	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH(non-condensing)
Dimension	258mm*223mm*44mm	440mm × 344mm× 44mm (17.3" × 13.5"×1.7")	440mm × 344mm× 44mm (17.3" × 13.5"×1.7")

Analytic NVR

Model	IID-NVR32NH8S	IID-NVR64NH8S	IID-NVR04NH1S
Appearance			
Preview	3/4/5/7/9/10/12/16/32	3/4/5/7/9/10/12/16/32	3/4
Video input (IP)	32-ch	64-ch	4-ch
Access bandwidth	320Mbps	320Mbps	40Mbps
Forwarding bandwidth	320Mbps	320Mbps	64Mbps
Decode	Ultra 265, H.265, H.264	Ultra 265, H.265, H.264	Ultra 265, H.265, H.264
Video output	HDMI1/VGA: 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz HDMI2: 4K (3840x2160) /60Hz, 4K (3840x2160) /30Hz, 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz	HDMI1/VGA: 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz HDMI2: 4K (3840x2160) /60Hz, 4K (3840x2160) /30Hz, 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz	HDMI: 4K(3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Audio I/O	1/1	1/1	1/1
Alarm I/O	16/4	16/4	4/1
Network interface	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces	1 RJ-45 10M/100M Self-adaptive Ethernet Interface
USB interface	Front panel: 2 x USB2.0,Rear panel: 1 x USB3.0	Front panel: 2 x USB2.0,Rear panel: 1 x USB3.0	Rear panel: 2 x USB2.0, Front panel: 1 x USB2.0
HDD	8 SATA interfaces up to 10TB for each HDD	8 SATA interfaces up to 10TB for each HDD	1 SATA interface - up to 10SSTB for each disk
Serial interface	1 x RS232, 1 x RS485	1 x RS232, 1 x RS485	NA
ONVIF	Support	Support	Support
Power supply	100 ~ 240 VAC	100 ~ 240 VAC	12V DC
Power Consumption	≤ 20 W(without HDD)	≤ 20 W(without HDD)	≤ 8 W (without HDD)
Work environment	-10℃ ~ + 55℃ (+14℉ ~ +131℉), Humidity ≤ 90% RH(non-condensing)	-10℃ ~ + 55℃ (+14℉ ~ +131℉), Humidity ≤ 90% RH(non-condensing)	-10℃ ~ + 55℃ (+14℉ ~ +131℉), Humidity ≤ 90% RH(non-condensing)
Dimension	442mm ×425mm× 86mm (17.4" × 16.7"× 3.4")	442mm ×425mm× 86mm (17.4" × 16.7"× 3.4")	260mm×240mm×44mm (10.2"×9.4" ×1.7")

Model	IID-NVR08NH1S	IID-NVR16NH1S
Appearance		
Preview	3/4/5/7/9	3/4/5/7/9
Video input (IP)	8-ch	16-ch
Access bandwidth	60Mbps	80Mbps
Forwarding bandwidth	64Mbps	80Mbps–
Decode	Ultra 265, H.265, H.264	Ultra 265, H.265, H.264
Video output	HDMI: 4K(3840x2160)/30Hz, 1920x1080p/60Hz,1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz,1280x720/60Hz, 1024x768/60Hz VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	HDMI: 4K(3840x2160)/30Hz, 1920x1080p/60Hz,1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz,1280x720/60Hz, 1024x768/60Hz VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Audio I/O	1/1	1/1
Alarm I/O	4/1	4/1
Network interface	1 RJ-45 10M/100M Self-adaptive Ethernet Interface	1 RJ-45 10M/100M Self-adaptive Ethernet Interface
USB interface	Rear panel: 2 x USB2.0, Front panel: 1 x USB2.0	Rear panel: 2 x USB2.0, Front panel: 1 x USB2.0
HDD	1 SATA interface - up to 10SSTB for each disk	1 SATA interface - up to 10SSTB for each disk
Serial interface	NA	NA
ONVIF	Support	Support
Power supply	12V DC	12V DC
Power Consumption	≤ 8 W (without HDD)	≤ 8 W (without HDD)
Work environment	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH(non-condensing)	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH(non-condensing)
Dimension	260mm×240mm×44mm (10.2"×9.4" ×1.7")	260mm×240mm×44mm (10.2"×9.4" ×1.7")

Analytic NVR

Model	IID-NVR64P16SRAMT	IID-NVR128P16SRAMT
Appearance		
Preview	3/4/5/7/9/10/12/16/32	3/4/5/7/9/10/12/16/32
Video input (IP)	64-ch	128-ch
Access bandwidth	384Mbps	512Mbps
Forwarding bandwidth	384Mbps	384Mbps
Decode	Ultra 265, H.265, H.264	Ultra 265, H.265, H.264
Video output	VGA:1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz HDMI1 4K (3840x2160) /30Hz, 1920x1080p / 60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz,1280x720 /60Hz, 1024x768 /60Hz HDMI2: 4K (3840x2160) /30Hz, 1920x1080p /60Hz, 1920x1080p / 50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz,1280x720 /60Hz, 1024x768 /60Hz	VGA:1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz HDMI1 : 4K (3840x2160) /30Hz, 1920x1080p / 60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz,1280x720 /60Hz, 1024x768 /60Hz HDMI2: 4K (3840x2160) /30Hz, 1920x1080p /60Hz, 1920x1080p / 50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz,
Audio I/O	1/1	1/1
Alarm I/O	24/8	24/8
Network interface	4 RJ-45 10M/100M/1000M adaptive Ethernet Interface 2 1000M SFP Ethernet Interface	4 RJ-45 10M/100M/1000M adaptive Ethernet Interface 2 1000M SFP Ethernet Interface
USB interface	Rear panel: 4 x USB3.0	Rear panel: 4 x USB3.0
HDD	16 SATA interfaces up to 10TB for each HDD - 1 eSATA interface -2 miniSAS ports	16 SATA interfaces up to 10TB for each HDD- 1 eSATA interface - 2 miniSAS ports
Serial interface	1 x RS232, 1 x RS485	1 x RS232, 1 x RS485
ONVIF	Support	Support
Power supply	100 ~ 240V AC	100 ~ 240V AC
Power Consumption	≤ 50 W(without HDD)	≤ 50 W(without HDD)
Work environment	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH(non-condensing)	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH(non-condensing)
Dimension	482mm ×477mm × 131mm (18.8"x 19.0" ×5.1")	482mm ×477mm × 131mm (18.8"x 19.0" ×5.1")

Model	IID-NVR32AN16SAMT	IID-NVR64AN16SAMT
Appearance		
Preview	3/4/5/7/9/10/12/16	3/4/5/7/9/10/12/16
Video input (IP)	32-ch	64-ch
Access bandwidth	320Mbps	320Mbps
Forwarding bandwidth	320Mbps	320Mbps
Decode	Ultra 265, H.265, H.264	Ultra 265, H.265, H.264
Video output	HDMI1/VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz,1024x768/60Hz HDMI2: 4K (3840x2160)/60Hz, 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	HDMI1/VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI2: 4K (3840x2160)/60Hz, 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Audio I/O	1/1	1/1
Alarm I/O	16/10	16/10
Network interface	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
USB interface	Rear panel: 2 x USB2.0, 1 x USB3.0	Rear panel: 2 x USB2.0, 1 x USB3.0
HDD	16 SATA interfaces Up to 10TB for each HDD - 1 eSATA interface	16 SATA interfaces - Up to 10TB for each HDD - 1 eSATA interface
Serial interface	1 x RS232, 1 x RS485	1 x RS232, 1 x RS485
ONVIF	Support	Support
Power supply	100 ~ 240V AC	100 ~ 240V AC
Power Consumption	≤ 23 W(without HDD)	≤ 23 W(without HDD)
Work environment	-10℃ ~ + 55℃ (+14℉ ~ +131℉), Humidity ≤ 90% RH(non-condensing)	-10℃ ~ + 55℃ (+14℉ ~ +131℉), Humidity ≤ 90% RH(non-condensing)
Dimension	482mm ×477mm × 131mm (18.8"x 19.0" ×5.1")	482mm ×477mm × 131mm (18.8"x 19.0" ×5.1")

Keyboards & Accessories

Product model	IID-KB1100	IID-KB1111
Appearance		
Joystick	four-dimensional joystick	Vector variable speed joystick
Ethernet port	RJ-45 10 M / 100 M adaptive Ethernet port 1	1xRJ45
USB Interface	USB2.0 interfaces 1	USB2.0 interfaces 1
Serial Interface	RS-232, 2 RS-485 1	RS485 2
Power Supply	12V DC	DC12V/2000MA
LCD Screen	Available (LED)	Available
Working Temperature	-10°C ~ + 55°C	-20°C ~ +55°C
Working humidity	90%~10%	≤90% Non-Condensing
Dimensions	47mm×270mm×440mm(1.9"×10.6"×17.3")	260mm*160mm*48mm

Product model	IID-POE	IID-ACHORN	IID-ACSIREN
Appearance			

Surveillance System