

**Features:**

- ◆ 3"Plastic IR Dome IP Camera and 1080P/4M/5M/4K NVR Kits
- ◆ P2P Cloud Service,Support Onvif
- ◆ 1080P/4M/5M/4K HD Recording
- ◆ Remote View & Control, Anywhere, anytime.
- ◆ Motion Detection with Email Alert,APP(Xmeye)
- ◆ Day & Night Monitoring with IR-cut Auto Switch
- ◆ Support Andriod Mobile, Tablets, iPhone, iPad.



Model Name	Contents
VK-N3108D20	VN-IOB20 x 8pcs
	VN-3110A x 1pcs
VK-N3108D40	VN-IOB40X x 8pcs
	VN-3110A x 1pcs
VK-N3108D50	VN-IOB50K x 8pcs
	VN-3110A x 1pcs

**Camera Specification**



3"Plastic IR Dome IP Camera;IR LED: 14μX12pcs, IR Range: 20M

Model	VN-IOB20	VN-IOB40X	VN-IOB50K
TV System	NTSC / PAL		
Video Out	RJ45		
Chipset Solution	1/2.8" 2.0 MP Starvis SONY307 + GK7205V200	1/2.8" SC5239S + XM530V200 4.0 MP CMOS	1/2.8" 5.0 MP, Low illum SC5239S + GK7605V100
Resolution	2MP@25fps, 720P@25fps	4MP@18ps, 1080P@25fps	5MP@20ps,3MP/1080P@25fp
Effective Pixels	1920(H)×1080(V)	2560(H)×1440(V)	2560(H)×1920(V)
Minimum Illumination	0.001Lux		
Lens	3.6mm Board Lens		
Sync, System	Internal Synchronization		
Network	1 RJ45 Ethernet interface, 10/100M adaptation		
Video Compression	H.264 compression		
Onvif	YES		
S/N Ratio	≥ 58dB		
AI Defog	YES	YES	YES
AI humanoid Detection	YES	YES	YES
Protocol	Support Gmail/GOOGLE/QQ/EMAIL		
POE	Optional(External PoE )		
Audio	Optional		
Power Source	DC 12V/2A		
Consumption	<5W		
Operating Enviroment	-20℃~60℃ / 10% ~ 95%RH		
Working Humidity	≤90%		
Size(mm)	Φ92mm x 78mm		
Weight(kg)	0.3 kg		
Vandsec Electronics Limited   <a href="http://www.vandsec.com">http://www.vandsec.com</a>   Email:info@vandsec.com			

## DVR Specification



1080P/4M/5M/4K NVR

**Model**

**VN-3110A**

<b>System</b>	Main Processor	Hi3536DV100
	Operation System	LINUX, Compression Mode: H.265
<b>Video</b>	Video Input	10CH
	Video Output	1 x VGA / 1 x HDMI
	Video Distance	Ethernet cable
<b>Audio</b>	Audio Input	N/A
	Audio Output	N/A
<b>Recording</b>	Recording Channel	5M x 10CH/4K x 10CH
	Resolution	1080P/4M/5M/4K
	Frame Rate	30 Fps(NTSC), 25 Fps(PAL)
	Recording Mode	Realtime Video Recording
<b>Playback</b>	Playback Channel	5M x 1CH/4K x 1CH
	Search Mode	Time, Date, Motion Detection, Exact Search
	Playback Mode	Normal Play / Fast Forward / Fast Rewind / Frame by Frame
<b>Alarm</b>	Alarm Input	N/A
	Alarm Output	N/A
<b>Storage</b>	HDD Interface	1 x SATA Fixed HDD
	Capability	SATA HDD up to 14TB each
<b>Backup</b>	USB Disk	2 x USB 2.0 port
	Backup Format	H.264 (only for Playback Software - General H.264 Player V1.7.0.)
	Backup Mode	Network download / Flash USB / movable HDD/SATA HDD / DVD-RW
<b>Network</b>	Interface	RJ45 port / 10M / 100M / 1,000Mbps Ethernet
	Protocol	TCP/IP, DHCP, DDNS, DNS, PPPoE, UPNP, NTP, SMTP
	Mobile phone Support	mobile view app XMeye (iPhone, Android)
	Compatible Browser	iCloud Software, one-click online; Support IE, Firefox, Google Chrome
	Computer System Support	Windows 10, XP, Vista/ Mac OS x 10.6/10.7
	Free DDNS	iCloud Free DDNS Server (P2P function)
	IP Camera Protocol	ONVIF
	Simultaneous Remote Viewers	6 Users Online
<b>Others</b>	Operating Temperature	0°C ~ 55°C
	Operating Humidity	10% ~ 90%
	Dimension	255mm× 225mm× 45mm
	Net Weight	1.75 KG
	HDD Screw	4 PCS (1 Pack)
	Accessories	USB Mouse ×1PC/Power Supply × 1PC/ Client software CD ×1PC
	Power Supply	DC12V/2A Power Adapter