

## Features:

- ◆ Plastic IR Dome IP Camera and 1080P NVR
- ◆ P2P Cloud Service,Support Onvif
- ◆ 720P/ 960P /1080P HD Real-time
- ◆ Remote View & Control, Anywhere, anytime.
- ◆ Motion Detection with Email Alert
- ◆ Day & Night Monitoring with IR-cut Auto Switch
- ◆ Support Andriod Mobile, Tablets, iPhone, iPad.



Model Name	Contents
VK-N2104D10	VN-IOB10H x 4pcs
	VN-2104A x 1pc
VK-N2104D13	VN-IOB13H x 4pcs
	VN-2104A x 1pc
VK-N2104D20	VN-IOB20E x 4pcs
	VN-2104A x 1pc

## Camera Specification

Model	VN-IOB10H	VN-IOB13H	VN-IOB20E
TV System	NTSC / PAL		
Video Out	BNC (AHD)		
Chipset Solution	1/4" XM H42 + Hi3518E 1.0 Mega Pixels CMOS	1/3" XM H81 + Hi3518E 1.3 Mega Pixels CMOS	1/3" XM SC2035 + Hi3518E 2 Mega Pixels CMOS
Resolution	720P @ 25fps(PAL), 30fps(NTSC)	960P @ 25fps(PAL), 30fps(NTSC)	1080P @ 25fps(PAL), 30fps(NTSC)
Effective Pixels	1920(H)×720(V)	1920(H)×960(V)	1920(H)×1080(V)
Minimum Illumination	0.001Lux		
Lens	3.6mm Board Lens		
	/	/	2.8/6/8mm( Optional )
Sync, System	Internal Synchronization		
Network	1 RJ45 Ethernet interface, 10/100M adaptation		
Video Compression	H.264 compression		
Onvif	YES		
S/N Ratio	≥ 58dB		
Protocol	Support Gmail/GOOGLE/QQ/EMAIL		
OSD	YES		
POE	Optional		
WIFI	/		
Power Source	DC 12V/2A		
Consumption	<5W		
Operating Enviroment	-20℃~60℃ / 10% ~ 95%RH		
Working Humidity	≤90%		
Size(mm)	94mm x 69mm		
Weight(kg)	0.37 kg		

## DVR Specification



H.264 1080P NVR

### Model

VN-2104A

<b>System</b>	Main Processor	Hi3520
	Operation System	LINUX, Compression Mode: H.264
<b>Video</b>	Video Input	4CH
	Video Output	1 x VGA / 1 x HDMI (1920*1080)
	Video Distance	Ethernet cable
<b>Audio</b>	Audio Input	N/A
	Audio Output	N/A
<b>Recording</b>	Recording Channel	4CH × 720P;720P: 1920 × 720 at 30 Fps(NTSC), 25 Fps(PAL) 4CH × 960P;960P: 1920 × 960 at 30 Fps(NTSC), 25 Fps(PAL) 4CH × 1080P;1080P: 1920 × 1080 at 30 Fps(NTSC), 25 Fps(PAL)
	Resolution	720P/960P/1080P
	Frame Rate	30 Fps(NTSC), 25 Fps(PAL)
	Recording Mode	Realtime Video Recording
<b>Playback</b>	Playback Channel	1CH x 1080P at 30 Fps(NTSC), 25 Fps(PAL)
	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 6TB 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>PTZ</b>	PTZ	R485 control
<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 Smart meye (iPhone, Android)
	Compatible Browser	iCloud Software, one-click online; Support IE, Firefox, Google Chrome
	Computer System Support	Windows 2000, XP, Vista, 7, 8 / Mac OS x 10.6/10.7
	Free DDNS	iCloud Free DDNS Server (P2P function)
	IP Camera Protocol	ONVIF Version Platform Protocol (Digital Menu)
<b>Others</b>	Simultaneous Remote Viewers	6 Users Online
	Operating Temperature	0°C ~ 55°C
	Operating Humidity	10% ~ 90%
	Dimension	252mm× 213mm× 42mm
	Net Weight	3.0 KG
	HDD Screw	4 PCS (1 Pack)
	Accessories	USB Mouse ×1PC/User Manual ×1PC/ Power Supply × 1PC/ Client software CD ×1PC
Power Supply	DC12V/2A Power Adapter	