



## Features:

- ◆ 3" Plastic Dome /Plastic Bullet & Monitor HVR Kits
- ◆ Light in Weight and with Reasonable Price
- ◆ Free P2P Cloud Service, Plug & Play
- ◆ 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
<b>VK-9108NX20F</b>	VD-IOB20FHD x 4pcs
	VW-AB20FHD x 4pcs
	VD-A9108HX x 1pc
<b>VK-9108NX20Z</b>	VD-IOB20ZHD x 4pcs
	VW-AB20ZHD x 4pcs
	VD-A9108HX x 1pc
<b>VK-9108NX20T</b>	VD-IOB20THD x 4pcs
	VW-AB20THD x 4pcs
	VD-A9108HX x 1pc

## Camera Specification

	3" Plastic IR Dome Camera;IR LED:14μX12pcs , IR Range: 20M		
	Plastic IR Bullet Camera;IR LED: 14μX12pcs, IR Range: 20M		
Model	VD-IOB20FHD/VW-AB20FHD	VD-IOB20ZHD / VW-AB20ZHD	VD-IOB20THD / VW-AB20THD
TV System	NTSC / PAL		
Video Out	BNC (AHD)		
Chipset Solution	1/2.7" 1080P 2MP CMOS Sensor, low illum F37 + XM330	1/2.7" 1080P 2MP CMOS Sensor Low illum F33 + FH8536E	1/2.8" 1080P 2MP STARVIS CMOS Sensor, Low illum SONY IMX307 + NVP2441H
Resolution	1080P @ 25fps(PAL), 30fps(NTSC)	1080P @ 25fps(PAL), 30fps(NTSC)	1080P @ 25fps(PAL), 30fps(NTSC)
Effective Pixels	1920(H)×1080(V)	1920(H)×1080(V)	1920(H)×1080(V)
Minimum Illumination	0.001Lux		
Lens	3.6mm Board Lens		
Sync, System	Internal Synchronization		
Scanning System	2:1 Interface		
Shutter Speed	1/60~1/100,000sec (N), 1/50~1/100,000sec (P)		
S/N Ratio	≥ 58dB		
DWDR	YES	YES	YES
DNR	NO	YES(3D-NR)	YES(3D-NR)
OSD	NO	Optional	YES
UTC	YES	YES	YES
Noise Reduction	3D-NR		
Power Source	DC12V ±10%		
Consumption	<5W		
Operating Enviroment	-20℃~60℃ / 10%~95%RH		
Working Humidity	≤90%		
Size(mm)	Dome: φ92mm x 78mm	Waterproof: 167mm x 63mm x 63mm	
Weight(kg)	Dome: 0.3kg	Waterproof: 0.35 kg	

HVR Specification		
		H.265 Monitor HVR
Model		VD-A9108HX
System	Main Processor	NT98321
	Operation System	LINUX, Compression Mode: H.265
Video	Video Input	8CH BNC
	Video Output	1CH BNC / 1 x VGA / 1 x HDMI
	Video Distance	75-3 Cable up to 500 Meters
Audio	Audio Input	4CH RCA
	Audio Output	1CH RCA
Recording	Recording Channel	Analog:1080N at 30 Fps(NTSC), 25 Fps(PAL) IP:1080P: 1920x1080 at 30 Fps(NTSC), 25 Fps(PAL)
	Resolution	1080N: 1920 × 1080
	Frame Rate	30 Fps(NTSC), 25 Fps(PAL)
	Recording Mode	Realtime Video Recording
Playback	Playback Channel	1080N x 8CH at 12 Fps(NTSC), 12 Fps(PAL)
	Search Mode	Time, Date, Motion Detection, Exact Search
	Playback Mode	Normal Play / Fast Forward / Fast Rewind / Frame by Frame
Alarm	Alarm Input	N/A
	Alarm Output	N/A
Storage	HDD Interface	1 x SATA Fixed HDD
	Capability	SATA HDD up to 14TB each
Backup	USB Disk	2 x USB 2.0 port
	Backup Format	H.265 (only for Playback Software - General H.265 Player V1.7.0.)
	Backup Mode	Network download / Flash USB / movable HDD/SATA HDD / DVD-RW
PTZ	PTZ	RS485 Control
Network	Interface	RJ45 port / 10M / 100M / 1,000Mbps Ethernet
	Protocol	TCP/IP, DHCP, DDNS, DNS, PPPoE, UPNP, NTP, SMTP
	Mobile phone Support	Mobile app(Xmeye) support iPhone / iPad, Android
	Compatible Browser	Google Chrome, IE, Firefox, Safari
	Free DDNS	iCloud Free DDNS Server (P2P function)
	IP Camera Protocol	ONVIF Version Platform Protocol (Digital Menu)
Others	Simultaneous Remote Viewers	6 Users Online
	Operating Temperature	0°C ~ 55°C
	Operating Humidity	10% ~ 90%
	Dimension	255mm×230mm×45mm
	Net Weight	2.5 KG
	HDD Screw	4 PCS (1 Pack)
	Accessories	USB Mouse ×1PC/User Manual ×1PC/Power Supply × 1PC
Power Supply	DC12V/2A Power Adapter	