

## 1. IP Cameras

### Name: Box Camera 1.3 megapixel with Fixed Lens



#### Key Features:

- \*Dual Bit Rate
- \*Mega Pixel Camera
- \*POE (Power over Internet)

#### Main Functions:

Dual Stream: 1280×720 locally and CIF remotely  
Scheduled record, continuous record and motion detection  
POE (Power over Ethernet)  
Automatic exposure and white balance  
Support audio with volume adjustable  
Firmware and software updatable  
Free DDNS

#### Technical Specifications:

Model NO.	BL-5720QPA	BL-5720QP	BL-5720Q	BL-5720QA
Image sensor	1/3 inch CMOS Sensor, 1.3M Pixel (Color)			
Video compression	MPEG-4/H.264			
Min. illumination	0.01Lux/F1.2			
Video resolution	1280×720(25fps) PAL/1280×720(30fps) NTSC			

Exposure mode	Automatic exposure and white balance
Lens	3.6/4.2/6/8/12/16mm Optional
Lens interface	CS
Video compression bit rate	500Kbit/S~3Mbit/S
Protocol	TCP/UDP/IP/HTTP/FTP/SMTP/DHCP/DNS/ARP/ICMP/POP3/NTP
Communication interface	RJ45, 100M Self-adaptive Ethernet Interface
Power input	DC 12V 1A
Back-end equipment	DVR cards / Hybrid DVR / PDVR / PC
Power consumption	Max. 6W
Working temperature	-10 ~ +55 °C
Storage temperature	-20 ~ +70 °C
Working humidity	10 ~ 85%
O/S	Linux
Measurement	50*50*120 (mm)

## IP Cameras

### Name: 3.6 / 6mm IR Dome 1.3 Megapixel



#### Key Features:

- \*Dual Bit Rate
- \*IR Dome Camera
- \*POE (Power over Internet)

## Main Functions:

- >Dual bit rate: Record in 1280×720/432×240 locally and CIF remotely
- >With IR LED
- >POE (Power over Ethernet)
  
- >Up and down angle adjustable.
- >Auto exposure and white balance.
- >Firmware updatable
- >Free DDNS

## Technical Specifications:

Model NO.	5720C-IP
Image sensor	1/3 inch CMOS Sensor, 1.3M Pixel (Color)
Video compression	MPEG-4/H.264
Preview resolution	1280×720(25fps) PAL/1280×720(30fps)NTSC
Exposure mode	Automatic exposure and white balance
Lens	3.6/4.2/6 mm optional
Min. illumination	0Lux (IR led on)
Tilt range	0 to 55°adjustable by manual
Focus	Manual
Video frame rate	1-25fps (PAL)/1-30fps (NTSC)
Video compression bit rate	500K-3Mbps
Protocol	TCP/UDP/IP/HTTP/FTP/SMTP/DHCP/DNS/ARP/ICMP/POP3/NTP
Communication interface	RJ45,100M Self-adaptive Ethernet Interface
Power input	DC 12V 1A
POE	Support POE (Power over Ethernet)
Back-end equipment	1. DVR cards 2. Hybrid DVR 3. PDVR 4. PC
Power consumption	Max. 6W
Working temperature	-10 ~ +45 °C
Storage temperature	-20 ~ +70 °C
Working humidity	10 ~ 95%
O/S	Linux

## IP Cameras

**\*Name: 4.2 / 6 / 12 / 16mm IR Camera 1.3 Megapixel**



### **\*Key Features:**

- \*Dual Bit Rate
- \*IR Distance 15 / 30m
- \*Waterproof Camera

### **Main Functions:**

- >Dual Stream: 1280×720 locally and CIF remotely
- >Scheduled record and motion detection
- >POE (Power over Ethernet)
- >Automatic exposure and white balance
- >Support audio with volume adjustable
- >Firmware and software updatable
- >Free DDNS

### **Technical Specifications:**

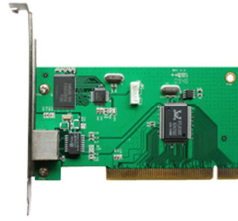
Model NO.	BL-5720IPW	BL-5720IPA
Image sensor	1/3 inch CMOS Sensor, 1.3M Pixel (Color)	
Video compression	MPEG-4/H.264	

Min. illumination	0Lux (IR Led on),0.01Lux (Color)
IR distance	10m-50m
Video resolution	1280×720(25fps) PAL/1280×720(30fps) NTSC
Exposure mode	Automatic exposure and white balance
Lens	3.6/4.2/6/12/16mm Optional
Lens interface	CS
Video compression bit rate	500Kbit/S~3Mbit/S
Protocol	TCP/UDP/IP/HTTP/FTP/SMTP/DHCP/DNS/ARP/ICMP/POP3/NTP
Communication interface	RJ45, 100M Self-adaptive Ethernet Interface
Power input	DC 12V 1A
Power over Ethernet	Support
Back-end equipment	DVR cards / Hybrid DVR / PDVR / PC
Power consumption	Max. 8W
Working temperature	-10 ~ +55 °C
Storage temperature	-20 ~ +70 °C
Working humidity	10 ~ 85%
O/S	Linux

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## IP Cameras

### BL-V200 (Linux) Card



#### Key Features:

The megapixel HD digital card can connect 16 megapixel HD digital cameras at most. It is with linux system and can plug and play.

#### Main Functions:

- >High Resolution:1280×720/ 960×720
- >Linux System

#### Technical Specifications:

Model NO.	BL-V-200(Linux)
Input	16-ch
Resolution	1440x900/1920x1080
Display mode	16 split screen
Communication interface	Rj45, 100M self-adaptive Ethernet interface
OS	Linux
Power consumption	Max. 4W
Working temperature	-10 ~ +55 °C

Storage temperature	-20 ~ +70 °C
Working humidity	10 ~ 85%

## IP Cameras

## POE Switcher



### Key Features:

- \* POE(Power over Ethernet)
- \* Support to prolong 4ch simultaneously

### Main Functions:

- >Prolong transmission distance without image damage.
- >Connect 4 channels simultaneously.

### Technical Specifications:

Model NO.	BL-J001
interface	1
port interface	4
working distance	150M

Communication interface	RJ45, 100M Self-adaptive Ethernet Interface
Power input	DC 48V 1.5A
Power consumption	Max.30W
Working temperature	-10 ~ +55 °C
Storage temperature	-20 ~ +70 °C
Working humidity	10 ~ 85%

## 2. Box Cameras

### 1/3" Hitachi Box Camera 600TVL



#### Key Features:

600TVL High Res Low Lux Slow Shutter

#### Main Functions.

STILL TO ADD

#### TECHNICAL SPECIFICATIONS

STILL TO ADD

## Box Cameras

### Color 1/3 Sony CCD 600TVL Box Camera



#### Key Features:

- \*Ultrahigh resolution 3D-DNR low light with OSD menu control
- \*Wide Dynamic

#### Main Functions.

- \*Digital Slow Shutter
- \*Privacy Zone/ Motion Detection
- \*High Sensitivity True D&N
- \*Eclipse Function

## TECHNICAL SPECIFICATIONS

Model: WDR CCTV CAMERA

Image Device: 1/3 Interline Color CCD

Picture Elements: NTSC: 410K, PAL 470K

Sync System: Internal / External (Line Lock)

Scanning Frequency: NTSC: 15 734 KHz (H). 59.94KHz (V); PAL 15.625 KHz. (H), 50Hz (V)

Horizontal Resolution: Color Mode 600TV LINES

Minimum Illumination: Color 0.00003 Lux (SENS UP AUTO, F1.2 (0.1 LUX SENS UP OFF))

Minimum Illumination: B/W 0.00003 Lux (SENS UP AUTO, F1.2 (0.1 LUX SENS UP OFF))

Signal to Noise Ratio: More than 52dB (AGC OFF)

White Balance: AUTO/PUSH AUTO / MANUAL

Electronic Shutter: NTSC: 1/60s~1/90.000s; PAL 1/50s~1/90.000s

Gain control: Off /Low / Medium / High  
Power Requirements: DC12V+-1V  
Motion Detection: 4 Areas  
Privacy Zone Masking: 8 Zones  
OSD Display: 6 Languages: ENG/SPN/FRN/KOR/RUN/HEB  
Common: 3D-DNR  
Digital Zoom: x8 (Built in Pan Tilt)  
Electronic Sensitivity: Auto: x 1 ~x128/Fix : x2 x4 ...x512  
Day and Night: ICR D&N  
WDR: 60Db  
Power Consumption: 500mA  
Lens Furnished: LC0308D/LC2713DIR/LC0560D  
HSBLC: O  
Video Out: 1 Vp-p Composite Video/75Ohm & CCIR656  
Operating Temperature: -10Degree C, ~50Degree C  
Storage Temperature: -20Degree C, ~60Degree C  
Humidity: Under 80% RH (None Condensing)

## Box Cameras

### 1/3" Sony Box Camera 540TVL



#### Key Features:

- \*Auto White Balance
- \*AGC
- \*EE
- \*BLC
- \*12 DC 1 AMP

#### Main Functions.

TO ADD

## **TECHNICAL SPECIFICATIONS**

TO ADD

### **Box Cameras**

#### **Road Box Camera**

#### **Key Features:**

Manual ELC, strong light

#### **Main Functions:**

To Add

#### **Technical Specifications:**

To Add



## Box Cameras

### All in One Camera



### Key Features:

30 x Optical Zoom

### Main Functions:

To Add

### Technical Specifications:

To Add

### 3. Veri Focal Lenses:

## 2.8 – 12mm Vari Focal Lens



### Key Features:

\*F1.4 Varifocal Auto Iris Lens is a 2.8-12mm varifocal, CS-mount lens with auto focus.

\* 2.8 - 12 mm varifocal lens

\* F1.4

\* CS Mount for 1/3" format CCD Cameras

\* fixed iris operation

## 3.5 – 8mm Vari Focal Lens



### Key Features:

\*F1.4 Varifocal Auto Iris Lens is a 3.5-8mm varifocal, CS-mount lens with auto focus.

- \* 3.5 - 8mm varifocal lens
- \* F1.4
- \* CS Mount for 1/3" format CCD Cameras
- \* fixed iris operation

## **6 – 16mm Vari Focal Lens**



### **Key Features:**

- \*F1.4 Varifocal Auto Iris Lens is a 6-16mm varifocal, CS-mount lens with auto focus.
- \* 6 - 16mm varifocal lens
- \* F1.4
- \* CS Mount for 1/3" format CCD Cameras
- \* fixed iris operation

## 6 – 60mm Vari Focal Lens



### Key Features:

- \* F1.4 Varifocal Auto Iris Lens is a 6-60mm varifocal, CS-mount lens with auto focus.
- \* 6 - 60mm varifocal lens
- \* F1.4
- \* CS Mount for 1/3" format CCD Cameras
- \* fixed iris operation

## 4. Fixed Lenses:

### \* 16mm Fixed lens



### Key Features:

- \* 16mm Fixed lens
- \* F1.2
- \* CS Mount for 1/3" format CCD Cameras

## Fixed Lenses:

### 12mm Fixed lens



## Key Features:

- \* 12mm Fixed lens
- \* F1.2
- \* CS Mount for 1/3" format CCD Cameras

## Fixed Lenses:

### 8mm Fixed lens



## Key Features:

- \* 8mm Fixed lens
- \* F1.2

\*CS Mount for 1/3" format CCD Cameras

## Fixed Lenses:

### 6mm Fixed lens



## Key Features:

- \* 6mm Fixed lens
- \* F1.2
- \*CS Mount for 1/3" format CCD Cameras

## Fixed Lenses:

### \* 4mm Fixed lens



## Key Features:

- \* 4mm Fixed lens
- \* F1.2
- \*CS Mount for 1/3" format CCD Cameras

## Fixed Lenses:

### \* 2.8mm Fixed lens



## Key Features:

- \* 2.8mm Fixed lens
- \* F2.0
- \* CS Mount for 1/3" format CCD Cameras

### \* 2.1mm Fixed lens



## Key Features:

- \* 2.1mm Fixed lens
- \* F1.2
- \* CS Mount for 1/3" format CCD Cameras

## 5. Pipe Camera Fixed Lens

### 3.6mm 1/3" Sony 30mIR 420TVL

#### Key Features:

#### 3.6MM. 30M IR

1/3 Sony CCD

#### Main Functions:

Automatic Gain Control  
Electronic Shutter  
Gamma Correction

#### Technical Specifications:

Image Sensor: 1/3" Sony CCD  
Horizontal Resolution: 420 TVL  
Pixels H\*V: NTSC: 510 X 492 PAL 500 X 582  
Lens Focus: 3.6mm  
Sync Frequency: NTSC: 15.734 KHz, PAL 15.625 KHz  
Clock Frequency: NTSC: 19.0699, PAL: 18.9375  
Minimum Illumination: 0 Lux (IR LED OPEN)  
Scanning System: 2: Interleaved  
Synchronizing System: Internal  
S/N Ratio: >48db  
Electronic Shutter: Auto, 1/100,000 Second  
Gamma Correction: 0.45  
Video Output: 1vpp, 750 Ohms  
AGC: Auto  
Power Supply: 12V DC (+ - 10%)  
Storage Temp: -30 Degree C, - 60Degree C  
Operating Temp: -10 Degree C, - 45Degree C  
IR Wave Length: 850nm  
IR View Distance: 15-30M  
IR OPEN: CDS Auto Detection



## **Pipe Camera Fixed Lens**

### **3.6mm 1/3" Sony 30mIR 420TVL**

#### **Key Features:**

3.6MM. 30M IR

1/3 Sony CCD

#### **Main Functions:**

Automatic Gain Control

Electronic Shutter

Gamma Correction

#### **Technical Specifications:**

Image Sensor: 1/3" Sony CCD

Horizontal Resolution: 420 TVL

Pixels H\*V: NTSC: 510 X 492 PAL 500 X 582

Lens Focus: 3.6mm

Sync Frequency: NTSC: 15.734 KHz, PAL 15.625 KHz

Clock Frequency: NTSC: 19.0699, PAL: 18.9375

Minimum Illumination: 0 Lux (IR LED OPEN)

Scanning System: 2: Interleaved

Synchronizing System: Internal

S/N Ratio: >48db

Electronic Shutter: Auto, 1/100,000 Second

Gamma Correction: 0.45

Video Output: 1vpp, 750 Ohms

AGC: Auto

Power Supply: 12V DC (+ - 10%)

Storage Temp: -30 Degree C, - 60Degree C

Operating Temp: -10 Degree C, - 45Degree C

IR Wave Length: 850nm

IR View Distance: 15-30M

IR OPEN: CDS Auto Detection



## Pipe Camera Fixed Lens

### 3.6mm 1/3" Sony 20mIR 420TVL

#### Key Features:

3.6MM. 20M IR

1/3 Sony CCD

#### Main Functions:

Automatic Gain Control

Electronic Shutter

Gamma Correction

#### Technical Specifications:

CCD TYPE: Sony 1/3"

Scanning System: PAL/NTSC OPTION

Minimum Illumination: 0 Lux (IR ON)

S/N RATIO: 48db (AGC OFF)

Horizontal Resolution: 420 TVL

Video Output: 1.0 Vp~/75Ohm

White Balance: Auto

AGC: Auto

Electronic Shutter: 1/50 ( 1 /60)~1/100000sec

Backlight Compensation: Auto

Gamma Correction: 0.45

Sync System: Internal

Lens Mount: 3.6mm

Operating Temperature: -10 Degree C - +50Degree C Humidity 40% - 90%



## **Pipe Camera Fixed Lens**

**6/8mm 1/3" Sony 50mIR 420TVL**

### **Key Features:**

6/8MM. 50M IR

1/3 Sony CCD

### **Main Functions:**

Automatic Gain Control

Electronic Shutter

Gamma Correction

### **Technical Specifications:**

CCD TYPE: Sony 1/3"

Scanning System: PAL/NTSC OPTION

Minimum Illumination: 0 Lux (IR ON)

S/N RATIO: 48db (AGC OFF)

Horizontal Resolution: 420 TVL

Video Output: 1.0 Vp~/75Ohm

White Balance: Auto

AGC: Auto

Electronic Shutter: 1/50 ( 1 /60)~1/100000sec

Backlight Compensation: Auto

Gamma Correction: 0.45

Sync System: Internal

Lens Mount: 6/8mm

Power Consumption: 600mA – 1100mA

Operating Temperature: -10 Degree C - +50Degree C Humidity 40% - 90%



## **Pipe Camera Fixed Lens**

### **12mm Array type Infrared Camera 540TVL Small**

#### **Key Features:**

12mm 70 m IR Camera

1/3 Sony CCD

#### **Main Functions:**

TO ADD

#### **Technical Specifications:**

TO ADD



### **16mm Array type Infrared Camera 420TVL Small**

#### **Key Features:**

16mm 70 m IR Camera

1/3 Sony CCD

**Main Functions:**

TO ADD

**Technical Specifications:**

TO ADD



**12mm Array type Infrared Cameras 540TVL Big**

**Key Features:**

12mm 70 m IR Camera

1/3 Sony CCD

**Main Functions:**

TO ADD

**Technical Specifications:**

TO ADD



## 16mm Array type Infrared Cameras 420TVL Big

### Key Features:

16mm 70 m IR Camera

1/3 Sony CCD

### Main Functions:

TO ADD

### Technical Specifications:

TO ADD



## 6. Pipe Camera Verifocal Lens

### 4-9mm 1/3" Sony 50mIR Verifocal 420TVL

### Key Features:

4 - 9mm 50 m IR Camera

Verifocal

1/3 Sony CCD

### Main Functions:

INFRARED FUNCTION

ELECTRONIC SHUTTER

AUTO BACKLIGHT COMPENSATION

## Technical Specifications:

CCD: 1/3" SONY  
Scanning System: Pal/ NTSC Option  
TVL Lines: 420  
Minimum Illumination: 0 Lux (IR ON)  
S/N Ratio: 48Db(AGC Off)  
Video output: 1.0Vp-p/75Ohm  
Auto White Balance  
Auto AGC  
Auto Backlight Compensation  
Exposure Mode: EE  
Electronic Shutter: 1/50(1/60) ~ 1/100000 Sec  
Gamma Correction: 0.45  
Sync System: Internal  
Power Supply: DC 12V  
IR Distance: UP To 50M



## 4-9mm 1/3" Sony 50mIR Verifocal 650TVL

### Key Features:

4 - 9mm 50 m IR Camera

Verifocal

1/3 Sony CCD

650 TVL

### Main Functions:

INFRARED FUNCTION  
ELECTRONIC SHUTTER  
AUTO BACKLIGHT COMPENSATION

## Technical Specifications:

CCD: 1/3" SONY

Scanning System: Pal/ NTSC Option  
TVL Lines: 650  
Minimum Illumination: 0 Lux (IR ON)  
S/N Ratio: 48Db(AGC Off)  
Video output: 1.0Vp-p/75Ohm  
Auto White Balance  
Auto AGC  
Auto Backlight Compensation  
Exposure Mode: EE  
Electronic Shutter: 1/50(1/60) ~ 1/100000 Sec  
Gamma Correction: 0.45  
Sync System: Internal  
Power Supply: DC 12V  
IR Distance: UP To 50M



## 7. Dome Camera Fixed Lens

**3.6mm 1/4" Sharp Plastic Dome.**



### **Key Features:**

420 TVL. 3.6MM

1/4" SHARP CCD

## **Main Functions:**

Automatic Gain Control  
Electronic Shutter  
Gamma Correction

## **Technical Specifications:**

CCD TYPE: SHARP 1/3"  
Scanning System: 2:1 Interleaved  
Minimum Illumination: 0 Lux  
S/N RATIO: 48db (AGC OFF)  
Horizontal Resolution: 420 TVL  
Video Output: 1.0 Vp~/75Ohm  
White Balance: Auto  
AGC: Auto  
Electronic Shutter: Auto, 1/100000sec  
Backlight Compensation: Auto  
Gamma Correction: 0.45  
Sync System: Internal  
Lens Mount: 3.6mm  
Power Supply: 12DC (+/- 10%)  
Operating Temperature: -10 Degree C - +45Degree C

## **Dome Camera Fixed Lens**

### **3.6mm 1/3" Sony IR Plastic Dome 420TVL**



## **Key Features:**

10PCS F8 IR LEDs  
3.6 mm lens

IR Distance 10m-20m  
black color housing

### Main Functions:

3.6 mm lens  
IR Distance 10m-20m

### Technical Specifications:

Model No.	VG-SO32IR20MDC	VG-SO54IR20MDC
Image Sensor	1/3" SONY SUPER HDD ii CCD	
TV System	420 TVL	
Image Resolution	PAL:752(H)×582(V) NTSC:768(H)×494(V)	
Minimum illuminator	0.1LUX/F1.2	
S/N ratio	>54db	
AES	1/50-1/60,000Sec(PAL),1/60-1/60,000Sec(NTSC)	
White Balance	ATW	
AGC	Auto	
BLC	ON	
Gamma Adjusting	0.45	
synchronization System	Internal Synchronization	
IR LEDs	10 pcs f8 IR LEDs	
Lens	3.6 MM or 6mm LENS	
Video Output	1.0Vp-p,75ohm	
Power supply	12v,100mA	
Operating Environment	10℃~+50℃,RH90% MAX	
Gross Weight	0.3 KG	

## 3.6mm 1/3" Sony HD IR Aluminium Dome 540TVL



### Key Features:

540 TVL. 3.6MM

1/3" SHARP CCD

Aluminium Case

### Main Functions:

Automatic Gain Control

Electronic Shutter

Gamma Correction

### Technical Specifications:

CCD TYPE: Sony 1/3"

Scanning System: PAL/NTSC OPTION

Minimum Illumination: 0 Lux( IR LED ON)

S/N RATIO: 48db (AGC OFF)

Horizontal Resolution: 540 TVL

Video Output: 1.0 Vp~/75Ohm

White Balance: Auto

AGC: Auto

Electronic Shutter: Auto, 1/100000sec

Backlight Compensation: Auto

Gamma Correction: 0.45  
Sync System: Internal  
Lens Mount: 3.6mm  
Power Supply: 12DC (+/- 10%)  
Operating Temperature: -10 Degree C - +45Degree C

## **Dome Camera Fixed Lens**

### **3.6mm 1/3" Sony HD IR Plastic Dome 540TVL**



#### **Key Features:**

540 TVL. 3.6MM

1/3" SHARP CCD

Plastic Case

#### **Main Functions:**

Automatic Gain Control

Electronic Shutter

Gamma Correction

#### **Technical Specifications:**

CCD TYPE: Sony 1/3"

Scanning System: PAL/NTSC OPTION

Minimum Illumination: 0 Lux ( IR LED ON)

S/N RATIO: 48db (AGC OFF)  
Horizontal Resolution: 540 TVL  
Video Output: 1.0 VP~/75Ohm  
White Balance: Auto  
AGC: Auto  
Electronic Shutter: Auto, 1/100000sec  
Backlight Compensation: Auto  
Gamma Correction: 0.45  
Sync System: Internal  
Lens Mount: 3.6mm  
Power Supply: 12DC (+/- 10%)  
Operating Temperature: -10 Degree C - +45Degree C

## **8. Dome Camera Veri Focal Lens**

### **4-9mm 1/3" Sony HD IR Aluminum Dome 420TVL**



#### **Key Features:**

420 TVL. 4 – 9mm Verifocal

1/3" SONY CCD

Aluminum Case

#### **Main Functions:**

Automatic Gain Control

Electronic Shutter

Gamma Correction

Aluminum Case

Veri Focal Lens

## Technical Specifications:

TO ADD

### 7. DVR CARDS

#### 4 CHANNEL DVR CARDS

##### 7004



#### Key Features:

SAA7134 chipset,

9 bit video decoder

- Philips SAA7134 chipset, 9 bit video decoder;
- Adopt advanced digital video processing arithmetic, auto de-noise, high resolution & quality
- 4 channel video input, 4 channel audio input
- Support 24 channel real time compressing and displaying maximum.
- Display Rate: 100 FPS(PAL) 120FPS(NTSC)
- Record Rate: 100 FPS(PAL) 120FPS(NTSC)
- Support Video Resolution: 352 x 288, 528 x 384
- Compression Format: H.264.
- Compression Ratio: 50 - 120MB per hour per channel
- Support OSD timely cover, digital watermark, motion detection recording
- Network Protocol :TCP/UDP,
- Support IE browser, client site software, built-in DDNS
- Offer SDK and Demo source code

●System Requirements

●CPU: Intel Celeron D 2.66G or above

●Mainboard: Intel series chipset mainboard(currently not compatible with VIA series and SIS series chipset mainboards.)

●RAM: 256MB or above (512MB needed for 24 channels)

●VGA: Integrated display card or above

●Power Supply: 300W or above (DC output: 3.3V, 27A)

●OS: Windows 2000 / XP

●DirectX Version: 9.0 or above

**Main Functions:**

4 CHANNEL RECORDING

MOTION DETECTION

ALARM RECORDING

**Technical Specifications:**

Model	Parameter
Video Input:	4 Video
Audio Input:	2 Audio
Single Channel Frame Rate:	PAL: 25fps NTSC: 30fps
Display Resolution :	704*576 (PAL) 、 720*480 (NTSC)
Recording Resolution:	352*288 (PAL) 、 320*240 (NTSC)
HDD Consumption :	100-150M/ch/h
compression algorithm:	H. 264/MPEG-4
Network Support:	TCP/IP
Operating System:	Windows 2000/XP/2003

## DVR CARDS

### 4 CHANNEL DVR CARDS

#### 9204

#### Key Features:

3G Mobile phone view, IE view(DDNS)

- Router setting is not needed(UPNP)
- DUAL- STREAM, even faster remote view
- MV9200 chipset, 10 bit 4 channel video decoder
- Adopt advanced digital video processing arithmetic, auto denoise, high resolution & quality
- 4 channel video input, 2 channel audio input
- Support 32 channel real time compressing and displaying maximum.
- Display Rate: 100 FPS(PAL) 120FPS(NTSC)
- Record Rate: 100 FPS(PAL) 120FPS(NTSC)
- Support Video Resolution: 352 x 288, 528 x 384, 704 x 576
- Compression Format: H.264.
- Compression Ratio: 50 - 120MB per hour per channel
- Support OSD timely cover, digital watermark, motion detection recording
- Network Protocol :TCP/UDP,
- Support IE browser, client site software, built-in DDNS, VNN
- Offer SDK and Demo source code
  
- System Requirements
- CPU: Intel Celeron D 2.66G or above
- Mainboard: Intel series chipset mainboard, and most AMD/VIA chipset mainboards.
- RAM: 256MB or above (512MB needed for 24 channels)

- VGA: Integrated display card or above
- Power Supply: 300W or above (DC output: 3.3V, 27A)
- OS: Windows 2000 / XP/ Vista
- DirectX Version: 9.0 or above

### **Main Functions:**

4 Channel Video Recording

2 Channel Audio Recording

Motion Detection

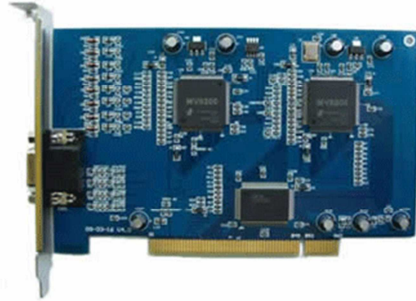
Schedule Recording

### **Technical Specifications:**

Model	Parameter
Video Input:	4 Video
Audio Input:	2 Audio
Single Channel Frame Rate:	PAL: 25 fps NTSC: 30 fps
Display Resolution:	704*576 (PAL) 、 720*480 (NTSC)
Record Resolution:	352*288 (PAL) 、 320*240 (NTSC)
HDD Consumption:	100-150M/ch/h
Compression Mode:	H.264/MPEG-4
Network Support:	TCP/IP
Operating System:	Windows 2000/XP/2003

## 8 CHANNEL DVR CARDS

### 9208



#### Key Features:

3G Mobile phone view, IE view(DDNS)

- Router setting is not needed(UPNP)
- DUAL-STREAM, even faster remote view
- MV9200 chipset, 10 bit 8 channel video decoder
- Adopt advanced digital video processing arithmetic, auto denoise, high resolution & quality
- 8 channel video input, 4 channel audio input
- Support 32 channel real time compressing and displaying maximum.
- Display Rate: 200 FPS(PAL) 240FPS(NTSC)
- Record Rate: 200 FPS(PAL) 240FPS(NTSC)
- Support Video Resolution: 352 x 288, 528 x 384, 704 x 576
- Compression Format: H.264.
- Compression Ratio: 50 - 120MB per hour per channel
- Support OSD timely cover, digital watermark, motion detection recording
- Network Protocol :TCP/UDP,
- Support IE browser, client site software, built-in DDNS, VNN
- Offer SDK and Demo source code

●System Requirements

●CPU: Intel Celeron D 2.66G or above

●Mainboard: Intel series chipset mainboard, and most AMD/VIA chipset mainboards.

●RAM: 256MB or above (512MB needed for 24 channels)

●VGA: Integrated display card or above

●Power Supply: 300W or above (DC output: 3.3V, 27A)

●OS: Windows 2000 / XP/ Vista

●DirectX Version: 9.0 or above

**Main Functions:**

8 Channel Video Recording

4 Channel Audio Recording

3 G Dial Up

Remote View

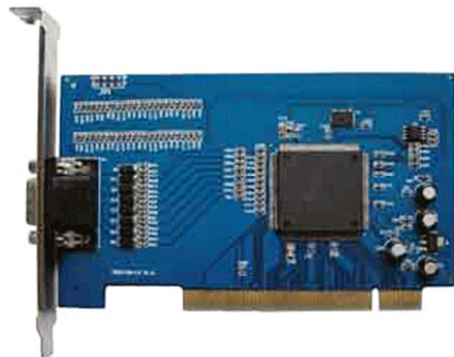
Motion detection

**Technical Parameters:**

Model	Parameter
Video Input:	8 Video
Audio Input:	4 Audio
Single Channel Frame Rate :	PAL: 25fps NTSC: 30fps
Display Resolution :	704*576 (PAL) 、 720*480 (NTSC)
Recording Resolution :	352*288 (PAL) 、 320*240 (NTSC)
HDD Consumption :	100-150M/ch/h
compression algorithm:	H. 264/MPEG-4
Network Support :	TCP/IP
Operating System	Windows 2000/XP/2003

## 8 CHANNEL DVR CARDS

### 9308



#### Key Features:

- 3G Mobile phone view, IE view(DDNS)
  - Router setting is not needed(UPNP)
  - DUAL-STREAM, even faster remote view
  - MV9200 chipset, 10 bit 8 channel video decoder
  - Adopt advanced digital video processing arithmetic, auto denoise, high resolution & quality
  - 8 channel video input, 4 channel audio input
  - Support 32 channel real time compressing and displaying maximum.
  - Display Rate: 200 FPS(PAL) 240FPS(NTSC)
  - Record Rate: 200 FPS(PAL) 240FPS(NTSC)
  - Support Video Resolution: 352 x 288, 528 x 384, 704 x 576
  - Compression Format: H.264.
  - Compression Ratio: 50 - 120MB per hour per channel
  - Support OSD timely cover, digital watermark, motion detection recording
  - Network Protocol :TCP/UDP,
  - Support IE browser, client site software, built-in DDNS, VNN
  - Offer SDK and Demo source code
- 
- System Requirements
  - CPU: Intel Celeron D 2.66G or above
  - Mainboard: Intel series chipset mainboard, and most AMD/VIA chipset mainboards.

- RAM: 256MB or above (512MB needed for 24 channels)
- VGA: Integrated display card or above
- Power Supply: 300W or above (DC output: 3.3V, 27A)
- OS: Windows 2000 / XP/ Vista
- DirectX Version: 9.0 or above

### **Main Functions:**

8 Channel Video Recording  
 4 Channel Audio Recording  
 3 G Dial up  
 Remote View  
 Schedule Recording

### **Technical Specifications:**

Model	Parameter
Video Input:	8 Video
Audio Input:	4 Audio
Single Channel Frame Rate :	PAL: 25fps NTSC: 30fps
Display Resolution :	704*576 (PAL) 、 720*480 (NTSC)
Recording Resolution :	352*288 (PAL) 、 320*240 (NTSC)
HDD Consumption :	100-150M/ch/h
compression algorithm:	H. 264/MPEG-4
Network Support :	TCP/IP
Operating System	Windows 2000/XP/2003

## 8 Channel DVR Card

7008



### Key Features:

- 3G Mobile phone view, IE view(DDNS)
- Router setting is not needed(UPNP)
- Philips SAA7134 chipset, 9 bit video decoder;
- Adopt advanced digital video processing arithmetic, auto denoise, high resolution & quality
- 8 channel video input
- Support 24 channel real time compressing and displaying maximum.
- Display Rate: 200 FPS(PAL) 240FPS(NTSC)
- Record Rate: 200 FPS(PAL) 240FPS(NTSC)
- Support Video Resolution: 352 x 288, 528 x 384
- Compression Format: H.264.
- Compression Ratio: 50 - 120MB per hour per channel
- Support OSD timely cover, digital watermark, motion detection recording
- Network Protocol :TCP/UDP,
- Support IE browser,client site software,built-in DDNS
- Offer SDK and Demo source code
- System Requirements
- CPU: Intel Celeron D 2.66G or above
- Mainboard: Intel series chipset mainborad(currently not compatible with VIA series and SIS series chipset mainboards.)
- RAM: 256MB or above (512MB needed for 24 channels)
- VGA: Integrated display card or above
- Power Supply: 300W or above (DC output: 3.3V, 27A)

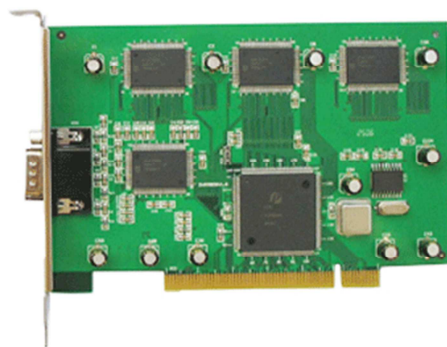
- OS: Windows 2000 / XP
- DirectX Version: 9.0 or above

## Technical Specifications:

Model	Parameter
Video Input:	8 Video
chip:	Philips 7134
Single Channel Frame Rate:	PAL: 25fps NTSC: 30fps
Display Resolution :	704*576 (PAL) 、 720*480 (NTSC)
Recording Resolution:	352*288 (PAL) 、 320*240 (NTSC)
HDD Consumption:	100-150M/ch/h
compression algorithm:	H. 264/MPEG-4
Network Support:	TCP/IP
Operating System:	Windows 2000/XP/2003

## 8 Channel DVR Card

### WAPA 9808



### KEY FEATURES:

- \* Image Quality: 9-bit ADCs super high quality
- \* Compression Arithmetic: H.264
- \* Video Input: 8ch

## Main Functions:

- >Hybrid surveillance with megapixel digital camera
- >Multi screen monitoring, 1/4/9/16/25/36 split screen available, support rotate display
- >Support multi-HDD cycle recording
- >Support mix inserting all 9000 series DVR Cards to form 1-32 channels monitoring
- >Scheduled record, continuous record and motion detection
- >Intelligent searching for historical DVR files, 1ch -32ch playback
- >Back up in EXE format which can play the recording files without any other player
- >Support local and remote PTZ control and preset ID setup.
- >Multi-user's authority management
- >Set up motion detection area discretionarily, the sensitivity is adjustable
- >Support motion detection trigger video recording, sending E-mail with enclosed monitoring pictures
- >Free DDNS.
- >Windows desktop shield
- >Support any Language

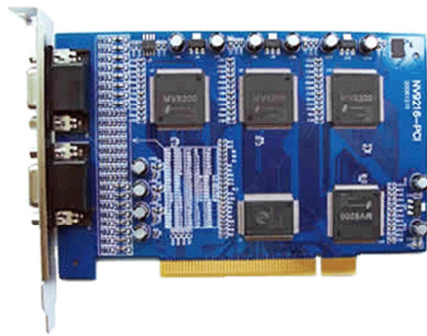
## Technical Specifications:

Model NO.	BL-9808				
Video input	8 CH				
Video total resource	200fps (P)/240fps (N)				
Video compression	H.264				
Preview resolution	1280X720/960x720/352X288(P)/1280X720/320X240(N)				
Record resolution	1280X720/960x720/352X288(P)/1280X720/320X240(N)				
VGA resolution	1024X768/1280X1024/1440 X 900/1920X1080				
Frame rate	25 fps (PAL)/30fps (NTSC)				
Storage bit rate	Average 150M/C/H(CIF), 1G/C/H (Digital channel)				
Motherboard slot	PCI				
Video format	PAL/NTSC				
O/S	WINDOWS2000 / XP / VISTA				
Power consumption	<24W				
Dimension	120mm (H)X140mm (L)				
<b>Name</b>		<b>Time</b>	<b>Channels</b>	<b>Size</b>	

Software9000 V.8.4.2.3	July 2,2010	1-32	10.2MB	
Software V.8.2.2.0	March 15, 2010	1-32	6.18MB	
Software V.8.1.0.8 (1440x900)	Apr 11, 2008	1-32	4.73MB	

## 16 CHANNEL DVR CARDS

### 9216



### KEY FEATURES:

- 3G Mobile phone view, IE view(DDNS)
- Router setting is not needed(UPNP)
- DUAL-STREAM, even faster remote view
- MV9200 chipset, 10 bit 16 channel video decoder
- Adopt advanced digital video processing arithmetic, auto de-noise, high resolution & quality
- 16 channel video input, 8 channel audio input
- Support 32 channel real time compressing and displaying maximum.
- Display Rate: 400 FPS(PAL) 480FPS(NTSC)

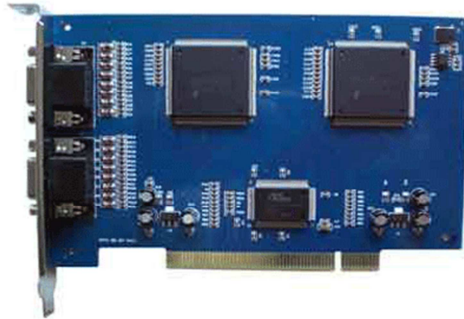
- Record Rate: 400 FPS (PAL) 480FPS (NTSC)
- Support Video Resolution: 352 x 288, 528 x 384, 704 x 576
- Compression Format: H.264.
- Compression Ratio: 50 - 120MB per hour per channel
- Support OSD timely cover, digital watermark, motion detection recording
- Network Protocol :TCP/UDP,
- Support IE browser, client site software, built-in DDNS, VNN
- Offer SDK and Demo source code
  
- System Requirements
- CPU: Intel Celeron D 2.66G or above
- Mainboard: Intel series chipset mainboard, and most AMD/VIA chipset mainboards.
- RAM: 256MB or above (512MB needed for 24 channels)
- VGA: Integrated display card or above
- Power Supply: 300W or above (DC output: 3.3V, 27A)
- OS: Windows 2000 / XP/ Vista
- DirectX Version: 9.0 or above

### **MAIN FUNCTIONS:**

16 Channel Video Recording  
 8 Channel Audio Recording  
 3 G Dial up  
 Remote View  
 Motion Detection  
 Schedule Recording

## 16 CHANNEL DVR CARDS

### 9316



#### KEY FEATURES:

- 3G Mobile phone view, IE view(DDNS)
- Router setting is not needed(UPNP)
- DUAL-STREAM, even faster remote view
- MV9200 chipset, 10 bit 16 channel video decoder
- Adopt advanced digital video processing arithmetic, auto de-noise, high resolution & quality
- 16 channel video input, 8 channel audio input
- Support 32 channel real time compressing and displaying maximum.
- Display Rate: 400 FPS(PAL) 480FPS(NTSC)
- Record Rate: 400 FPS(PAL) 480FPS(NTSC)
- Support Video Resolution: 352 x 288, 528 x 384, 704 x 576
- Compression Format: H.264.
- Compression Ratio: 50 - 120MB per hour per channel
- Support OSD timely cover, digital watermark, motion detection recording
- Network Protocol :TCP/UDP,
- Support IE browser, client site software, built-in DDNS, VNN
- Offer SDK and Demo source code
  
- System Requirements
- CPU: Intel Celeron D 2.66G or above

●Mainboard: Intel series chipset mainboard, and most AMD/VIA chipset mainboards.

●RAM: 256MB or above (512MB needed for 24 channels)

●VGA: Integrated display card or above

●Power Supply: 300W or above (DC output: 3.3V, 27A)

●OS: Windows 2000 / XP/ Vista

●DirectX Version: 9.0 or above

### MAIN FUNCTIONS:

16 Channel Video Recording

8 Channel Audio Recording

3 G Dial up

Remote View

Motion Detection

### Technical Specifications:

Model	Parameter
Video Input:	16 Video
Audio Input:	8 Audio
Single Channel Frame Rate :	PAL: 25fps NTSC: 30fps
Display Resolution :	704*576 (PAL) 、 720*480 (NTSC)
Recording Resolution :	352*288 (PAL) 、 320*240 (NTSC)
HDD Consumption :	100-150M/ch/h
compression algorithm:	H. 264/MPEG-4
Network Support :	TCP/IP
Network Support :	Windows 2000/XP/2003

## 16 CHANNEL DVR CARDS

### 6616

#### Key Features:

- 3G Mobile phone view, IE view(DDNS)
- Router setting is not needed(UPNP)
- DUAL-STREAM, double high speed for transferring, Internet transfer speed one time faster!!!
- Combine to 32ch real-time in one system by two cards.
- Techwell 6815 chipset, 10 bit video decoder
- Adopt advanced digital video processing arithmetic, auto de-noise, high resolution & quality
- 16 channel video input, 8 channel audio input
- Support 32 channel real time compressing and displaying maximum.
- Display Rate: 400 FPS(PAL) 480FPS(NTSC)
- Record Rate: 400 FPS(PAL) 480FPS(NTSC)
- Support Video Resolution: 352 x 288, 528 x 384, 704 x 576
- Compression Format: H.264.
- Compression Ratio: 50 - 120MB per hour per channel
- Support OSD timely cover, digital watermark, motion detection recording
- Network Protocol :TCP/UDP,
- Support IE browser, client site software, built-in DDNS

#### MAIN FUNCTIONS:

16 Channel Video Recording  
16 Channel Audio Recording  
3 G Dial up  
Remote View  
Motion Detection





