

projektovanje
montaža
instalacija
testiranje
puštanje u rad
implementacija
INTEGRACIJA

SISTEMI VIDEO NADZORA

REŠENJA "KLJUČ U RUKE"

Naš moto je: Ništa nije konstantno, osim promene! Heraclites 490pne.

SOLUTIONS



za svu opremu
obezbeđeni
sertifikati



ASPEKT
system integration doo

www.aspekt.rs

SISTEMI LOKALNOG I SISTEMI UDALJENOG VIDEO NADZORA

Obezbeđujemo projektovanje, montažu, instaliranje, testiranje i puštanje u rad kompletnih sistema video nadzora, naslonjenih na DVR (digital video recorder) opremu, ili IP opremu, kao i UDALJENI video nadzor. U praksi smo stekli iskustvo sa instalacijom, testiranjem i puštanjem u rad razolikih sistema video nadzora, kako za rezidencijalne objekte, tako i za male i velike poslovne sisteme. U skladu sa novim trendovima u ovoj oblasti dominantno mesto u našim projektima zauzima oprema naslonjena na ETHERNET platformu. ASPEKT System integration d.o.o. je oficijelni distributer i instalater opreme renomiranog proizvođača



K&D Tehnology LTD



Jugohemija A.D., Mašinski fakultet Univerziteta u Beogradu, Tehnološki fakultet Univerziteta u Beogradu, Pravni fakultet Univerziteta u Beogradu, Tehnološko-metalurškifakultet Univerziteta u Beogradu, Tetrapak, Dom učenika srednje železničke škole u Beogradu, TetraPak, PKB Sististem, GEA, Mellon Transaction d.o.o., ...

CMS software Server za VIDEO MONITORING I UPRAVLJANJE

Main functions of CMS Professional version 1.0 ; Manage 1728 channels of audio and video simultaneously (48 groups) ; Set Video Server ; Support 24 channels output of TV walls ; Electronic - map function Preview , Surveillance ; Monitor ; Talk-back, Broadcast ; Recording (pre-recording, manual recording, alarm linking recording and schedule recording) ; Recording searching & playback ; PTZ control (Support over 40 kinds of high-speed dome and decoder protocols), Preset, Adopt ,Track Adopt. ; Log Management, ; Front-end &Back-end Capture ; Data transmission ; DDNS ; Passive Connection Mode(CMS Settled Active Connection Mode)

Verzije:

**SRPSKI
ENGLSKI**





IP KAMERE / PTZoom

HIGH SPEED / OUTDOOR

KD-NVC711	Wired, IP High speed dome with OSD control, Full-function Model			
Network Spec:				
Video compression	H.264 Main Profile@ Level 3/ MJPEG			
Video Compression Bit rate	32Kbps ~ 16Mbps			
Supported Protocols	TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS, ARP, ICMP, POP3, NTP, IPsec, UPNP, RTP, RTCP, IPV4			
Streaming Format	Optional Video Streaming or Audio & Video composite Streaming			
Audio streaming	Two Way Audio connector (Optional)			
Local Storage	SD card, Max. 32G (Optional)			
System Interface	10M/100M self-adapting Ethernet port, power supply cable. Supports smart mobile monitor that is based on Windows Mobile, Symbian and iPhone platforms			
Alarm	1-Alarm in and 1 Alarm output			
Speed Dome Spec:				
preset	128 presets, can be labeled with editable title			
Pan rotation range	360° Endless			
Tilt range	Tilt 90°			
Manual pan speed	0.5°—300°/S			
Manual vertical speed	0.5°—150°/S			
Cruse tracking	5pcs			
IP Grade	IP66			
Communication Protocol (Available camera)	RS485-422, AD, BI-PHASS code Sony, Hitachi, LG			
Baud rate (RS485)	2400/4800/9600/19200bps			
Operating Temp	0 - +60 (Indoor dome); -40 -70 (Outdoor dome)			
Operating Humidity	RH90%MAX			
Power Supply	AV24V(2A)			
Power Consumption	50W			
Package	1pcs/carton, 8kg, 440x350x340mm			
Camera Spec:				
Image Sensor	1/4" SONY CCD 1/4" Sony Exview CCD (Day/Night Mode)			
Zoom Camera	EX-45CP	EX-480CP	EX-980P	EX-1010P
Resolution	480TVL	480TVL	480TVL	540TVL
Min. Illumination	1Lux	0.7Lux/0.01Lux	0.7Lux/ 0.01Lux	0.1Lux/0.01Lux
Zoom Magnification	216X	216X	312X	432X
Zoom Length	4.1-73.8mm	4.1-73.8mm	3.5-91mm	3.4-122.4mm
Angle of View	Wide48° Tele2.8°	Wide48°Tele2.8°	Wide54.2° Tele2.2°	Wide57.8° Tele1.7°
privacy masking	8	8	8	8
WDR	No	No	No	Yes



IP KAMERE / PTZoom / IR

Outdoor IP LED
Array Low Speed PTZ

Model

KD-NVC1010-PTR

Network Spec:

Video compression
Video Compression
Bit rate
Supported Protocols

H.264 Main Profile @Level 3/MJPEG optional
32Kbps ~ 16Mbps

Streaming Format
Audio streaming
Local Storage
System Interface

TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS, ARP, ICMP, POP3, NTP, IPsec, UPNP, RTP, RTCP, IPV4,
Optional Video Streaming or Audio & Video composite Streaming
Two Way Audio connector (Optional)
SD card, Max. 32G (Optional)
10M/100M self-adapting Ethernet port, power supply cable.
Supports smart mobile monitor that is based on Windows Mobile, Symbian and iPhone platforms
1-Alarm in and 1 Alarm output.

Alarm

Speed Dome Spec:

preset
Pan rotation range
Tilt range
Manual pan speed
Manual vertical speed
Cruise tracking
Communication
IP Grade
Protocol (Available camera)
Baud rate (RS485)

128 presets, can be labeled with editable title
360° Endless
+45 ° - -50 °
0°-45°/S
0°-45°/S
4pcs
RS485
IP66 standard
Sony, Hitachi, CNB, LG
2400/4800/9600/19200bps

Environmental

Operating Temp
Operating Humidity
Power Supply
Package

-40 -70
RH90%MAX
AC24V or AC220V , 3A
1pcs/carton, 11Kg , 349 × 401 × 452mm (H)

Camera Spec:

Image Sensor
Zoom Camera
Resolution
Min. Illumination
Zoom Magnification
Zoom Length
Angle of View
privacy masking
WDR

EX-480CP
480TVL
0.7Lux/0.01Lux
216X
4.1-73.8mm
Wide48°Tele2.8°
8
No

1/4" Sony Exview CCD

EX-980P
480TVL
0.7Lux/0.01Lux
312X
3.5-91mm
Wide54.2°Tele2.2°
8
No

EX-1010P
540TVL
0.1Lux/0.01Lux
432X
3.4-122.4mm
Wide57.8°Tele1.7°
8
Yes



IP KAMERE / PTZoom / IR

SPEED / OUTDOOR

Model

KD-NVC810IR

Network Spec:

Video compression

H.264 Main Profile @Level 3/MJPEG optional

Video Compression Bit rate

32Kbps ~ 16Mbps

Supported Protocols

TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS, ARP, ICMP, POP3, NTP, IPsec, UPNP, RTP, RTCP, ipv4

Streaming Format

Optional Video Streaming or Audio & Video composite Streaming

Audio streaming

Two Way Audio connector (Optional)

Local Storage

TF card, Max. 32G (Optional)

System Interface

10M/100M self-adapting Ethernet port, power supply cable.
Supports smart mobile monitor that is based on Windows Mobile, Symbian and iPhone platforms

Alarm

1-Alarm in and 1 Alarm output

Speed Dome Spec:

preset

64presets

Pan rotation range

360° Endless

Tilt range

Tilt 90°

Manual pan speed

0°—120°/S

Manual vertical speed

0°—90°/S

Tour Group

4 groups / 16 Preset Positions for each/dwelling time at each preset position can be set.

360° Scan

Vertical Angle can be set freely

IR Lamp

LED Array / 2 Groups / Visible distance reaches 100m

IR Lamp Triggering

Triggered by photosensitive resistor (Default) / triggered by camera module (IR Lamp turned on when camera module turns to Black & White mode)

Communication

RS485-422, AD, BI-PHASS code

Protocol (Available camera)

Sony, Hitachi, CNB, LG

Baud rate (RS485)

1200 / 2400 / 4800 / 9600bps

Environmental

Operating Temp

-30 ~ +60

Operating Humidity

0 ~ 90%

Power Supply

DC15V (4A) (Adapter should be within 2 meters to the unit)

Power Consumption

35W

Weight

6.1kg

Package

1pcs/carton, 7.5kg, 470x330x348mm

Camera Spec:

Image Sensor

1/4" SONY CCD

1/4" Sony Exview CCD (Day/Night Mode)

Zoom Camera	EX-480CP	EX-980P	EX-1010P	ZCN-21Z22F
Resolution	480TVL	480TVL	540TVL	580TVL
Min. Illumination	0.7Lux/0.01Lux	0.7Lux/0.01Lux	0.1Lux/0.01Lux	0.5Lux/0.01Lux
Zoom Magnification	216X	312X	432X	220X
Zoom Length	4.1-73.8mm	3.5-91mm	3.4-122.4mm	3.9-85.8mm
Angle of View	Wide48°Tele2.8°	Wide54.2°Tele2.2°	Wide57.8°Tele1.7°	Wide47°Tele3°
privacy masking	8	8	8	NO
WDR	No	No	Yes	No



IP KAMERA / ZOOM / IR

KD-NVC03D-23X

Image sensor	Wired
Resolution	1/4 SONY Exview CCD
Illumination	540 TVL(Day)/570TVL(Night)
IR LED Distance	0.5LUX/0.01Lux
LENS	80m (Zoom lens Ratio) (IR on)
SSNR	23X(optical)*10X(digital), f3.84~88.4mm lens
Day/Night	Low/Middle/high/Off selectable
Video Compression	Auto/ IR cut auto transfer
Video Definition	H.264 Main Profile @Level 3/MJPEG optional
Video Frame Rate	PAL:352*288(CIF),704*288(2CIF),704*576(D1); NTSC:352*240(CIF),704*240(2CIF),704*480(D1)
Video Compression Bit rate	PAL: 1-25frames/second NTSC:1-30frames/second
Supported Protocols	32Kbps ~ 16Mbps
System Interface	TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS, ARP, ICMP, POP3, NTP, IPsec, UPNP, RTP, RTCP, IPV4
Audio Input	RS232 port (convert to 10M/100M self-adapting Ethernet port, and power supply, Alarm port)
Audio Compression	Support card (Maximum 32GB)
Audio Output	Supports smart mobile monitor that is based on Windows Mobile, Symbian and iPhone platforms
Alarm Input	1channel, linear input
Alarm Output	G.726
IP Grade	1channel, RCA interface, linear output
Input Power Supply	1 channel on/off input, supporting NO (normally open) or NC (normally close) sense.
Operating Temperature	1 channel on/off output, 120VAC 1A/24VDC 1A
Operating Humidity	IP66
Maximum Power	DC 12V, 2A
Dimension	-20 ~ 60
Net weight	RH90% MAX
	Less than 9W (IR on)
	23.3cm(L)*12.4cm(W)*11.8cm(H)
	2.18kg



IP KAMERE 4/6/8mm

KD-NVC32D-50S

Image sensor
 Illumination
 IR LED Distance
 LENS
 Video Compression
 Video Definition
 Video Frame Rate
 Video Compression Bit rate
 Supported Protocols
 System Interface
 Audio Input
 Audio Compression
 Audio Output
 Alarm Input
 Alarm Output
 IP Grade
 Input Power Supply
 Operating Temperature
 Operating Humidity
 Maximum Power
 Dimension
 Net weight
 Package

520TVL, Wired

1/3" Sony Super HAD CCD
 0 Lux (IR On)
 36pcs IR LED, 30m
 4/6/8mm LENS optional
 H.264 Main Profile @Level 3/MJPEG optional
 PAL:352*288(CIF),704*288(2CIF),704*576(D1);
 N TSC:352*240(CIF),704*240(2CIF),704*480(D1)
 PAL: 1-25frames/second
 NTSC:1-30frames/second
 32Kbps ~ 16Mbps
 TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS,ARP, ICMP, POP3, NTP, IPsec, UPNP,RTP,RTCP, IPV4
 RS232 port (convert to 10M/100M self-adapting Ethernet port, and power supply, Alarm port)
 Support card (Maximum 32GB)
 Supports smart mobile monitor that is based on Windows Mobile, Symbian and iPhone platforms
 1channel,linear input
 G.726
 1channel,RCA interface, linear output
 1 channel on/off input, supporting NO(normally open) or NC(normally close) sense.
 1 channel on/off output,120VAC 1A/24VDC 1A
 IP66
 DC 12V,2A
 -20 ~ 60 □
 RH90%MAX
 Less than 8W (IR on)
 173mm(L)x102mm(W)x93mm(H)
 1.5kg
 8pcs/carton, 14kg/carton, 550x410x315mm



IP KAMERE 16 / 25mm

KD-NVC22D-50S

Image Sensor
Illumination
IR LED Distance
LENS
Video Compression
Video Definition
Video Frame Rate
Video Compression Bit rate
Supported Protocols
Streaming Format
Audio Compression
Audio streaming
SD Card Interface
Title OSD
System Interface
Alarm Input
Alarm Output
E-mail Alarm
Mobile Monitor
Input Power Supply
Operating Temperature
Operating Humidity
Maximum Power
Dimension
Net weight
Package

520TVL, Wired

1/3" Sony Super HAD CCD
0 Lux (IR On)
50-80m
16mm / 25mm LENS optional,default 25mm lens
H.264 Main Profile @Level 3/MJPEG optional
PAL: 352*288(CIF),704*288(2CIF),704*576(D1); NTSC:352*240(CIF),704*240(2CIF),704*480(D1)
PAL: 1-25frames/second NTSC:1-30frames/second
32Kbps ~ 16Mbps
TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS,ARP, ICMP, POP3, NTP, IPsec, UPNP,RTP,RTCP, IPV4
Optional Video Streaming or Audio &Video composite Streaming
G.726
Two Way Audio connector
Supports Video storage and image snapping; SD2.0 standard, maximum storage 32G
Supports channel name, date, and video stream information overlay; OSD location is adjustable
10M/100M self-adapting Ethernet port, power supply cable.
1channel input, Normally Open/Normally Close modes adjustable
1 channel output, 120VAC 1A/24VDC 1A
Support
Supports smart mobile monitor that is based on Windows Mobile, Symbian and iPhone platforms
DC 12V,3A
-20 ~ 60 °C
RH90%MAX
<13W
23.3cm(L)*12.4cm(W)*11.8cm(H)
2.18kg
6pcs/carton, 17kg/carton, 588x354x348mm



IP KAMERE / Zoom / IC

KD-NVC04D-10X

Image sensor
 Resolution
 Illumination
 IR LED Distance
 LENS
 SSNR
 Day/Night
 Structure
 Video Compression
 Video Definition
 Video Frame Rate
 Video Compression Bit rate
 Supported Protocols
 System Interface
 Audio Input
 Audio Compression
 Audio Output
 Alarm Input
 Alarm Output
 IP Grade
 Input Power Supply
 Operating Temperature
 Operating Humidity
 Maximum Power
 Dimension
 Net weight
 Package

Wired

1/4"SONY Exview CCD
 540 TVL(Day)/570TVL(Night)
 0.5LUX/0.01Lux
 30m (Zoom lens Ratio) (IR on)
 10X(optical)*10X(digital), f3.8~38mm lens
 Low/Middle/high/Off selectable
 Auto/ IR cut auto transfer
 Built-in fan and heater
 H.264 Main Profile @Level 3/MJPEG optional
 PAL:352*288(CIF),704*288(2CIF),704*576(D1);
 NTSC:352*240(CIF),704*240(2CIF),704*480(D1)
 PAL: 1-25frames/second
 NTSC:1-30frames/second
 32Kbps ~ 16Mbps
 TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS,ARP, ICMP, POP3, NTP,
 IPsec, UPNP,RTP,RTCP, ipv4
 RS232 port (convert to 10M/100M self-adapting Ethernet port, and
 power supply, Alarm port)
 Support card (Maximum 32GB)
 Supports smart mobile monitor that is based on Windows Mobile,
 Symbian and iPhone platforms
 1channel,linear input
 G.726
 1channel,RCA interface, linear output
 1 channel on/off input, supporting NO(normally open) or NC(normally close) sense.
 1 channel on/off output,120VAC 1A/24VDC 1A
 IP66
 DC 12V,2A
 -20 ~ 60
 RH90%MAX
 Less than 9W (IR on), 30W(fan and heater on)
 31.5cm(L)*13.3cm(W)*10.5cm(H)
 1.42kg
 6pcs/carton, 13kg/carton, 588x354x348mm (The package is without bracket)



IP KAMERE / VariFocal / IC

KD-NVC04D-50S

KD-NVC04WD-50S
Image sensor
Illumination
IR LED Distance
LENS
Structure
Video Compression
Video Definition
Video Frame Rate
Video Compression Bit rate
Supported Protocols
System Interface
Audio Input
Audio Compression
Audio Output
Alarm Input
Alarm Output
IP Grade
Input Power Supply
Operating Temperature
Operating Humidity
Maximum Power
Dimension
Net weight
Package

520TVL, Wired

520TVL, Supports 802.11b/g protocol, 2.4GHZ, maximum wireless distance can be 100 meters, Supports WEP, WPA, WPA2
1/3" Sony Super HAD CCD
0 Lux (IR On)
30m
Build-in 4-9mm high quality manual vari-focal lens
Built-in fan and heater
H.264 Main Profile @Level 3/MJPEG optional
PAL: 352*288(CIF), 704*288(2CIF), 704*576(D1); NTSC: 352*240(CIF), 704*240(2CIF), 704*480(D1)
PAL: 1-25frames/second NTSC: 1-30frames/second
32Kbps ~ 16Mbps
TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS, ARP, ICMP, POP3, NTP, IPsec, UPNP, RTP, RTCP, IPV4
RS232 port (convert to 10M/100M self-adapting Ethernet port, and power supply, Alarm port)
Support card (Maximum 32GB)
Supports smart mobile monitor that is based on Windows Mobile, Symbian and iPhone platforms
1channel, linear input
G.726
1channel, RCA interface, linear output
1 channel on/off input, supporting NO (normally open) or NC (normally close) sense.
1 channel on/off output, 120VAC 1A/24VDC 1A
IP66
DC 12V, 2A
-20 ~ 60 °C
RH90% MAX
Less than 9W (IR on), 30W (fan and heater on)
31.5cm(L)*13.3cm(W)*10.5cm(H)
1.42kg
6pcs/carton, 13kg/carton, 588x354x348mm (The package is without bracket)



IP KAMERA / Varifocal / IR

VANDAL-PROOF

KD-NVC85D-50S

Image sensor
 Illumination
 LENS
 IR Distance
 Video Compression
 Video Definition
 Video Frame Rate
 Video Compression Bit rate
 Audio Input
 Audio Compression
 Audio Output
 Audio talk-back
 Supported Protocols
 System Interface
 Alarm Input
 Alarm Output
 Input Power Supply
 Maximum Power
 Operating Temperature
 Operating Humidity
 Dimension
 Net weight
 Package

520TVL, Wired

1/3" Sony Super HAD CCD
 0Lux (IR on)
 Build in 4-9mm varifocal lens
 30pcs LED, IR distance 15-20m, Vandal-proof
 H.264 Main Profile @Level 3/MJPEG
 PAL: 352*288(CIF), 704*288(2CIF), 704*576(D1);
 NTSC: 352*240(CIF), 704*240(2CIF), 704*480(D1)
 PAL: 1-25frames/second NTSC: 1-30frames/second
 32Kbps ~ 16Mbps
 1channel, linear input
 G.726
 1channel, RCA interface, linear output
 Support Audio two-way talk
 TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS, ARP, ICMP,
 POP3, NTP, IPsec, UPNP, RTP, RTCP, IPV4
 10M/100M self-adapting Ethernet port,
 1 RS485 port, 1 RS232 port (supports transparent
 protocols)
 SD card supports video storage and image snapping;
 SD2.0 standard, maximum storage 32G
 Supports smart mobile monitor that is based on Windows
 Mobile, Symbian and iPhone platforms
 1 channel on/off input, supporting NO (normally open) or
 NC (normally close) sense.
 1 channel on/off output, 120VAC 1A/24VDC 1A
 DC 12V, 1A
 9W (IR on)
 -20 ~ +55
 RH85%MAX
 11.3cm(H)*14.1cm(Φ)
 600g
 12pcs/carton, 16kg/carton, 510x340x270mm



IP KAMERA / Varifocal

VANDAL-PROOF

KD-NVC84D-50S

Image sensor
 Illumination
 LENS
 Video Compression
 Video Definition
 Video Frame Rate
 Video Compression Bit rate
 Audio Input
 Audio Compression
 Audio Output
 Audio talk-back
 Supported Protocols

 System Interface

 Alarm Input
 Alarm Output
 Input Power Supply
 Maximum Power
 Operating Temperature
 Operating Humidity
 Dimension
 Net weight
 Package

520TVL, Wired

1/3" Sony Super HAD CCD
 0.5Lux
 Build in 4-9mm varifocal lens, Vandal-proof
 H.264 Main Profile @Level 3/MJPEG
 PAL: 352*288(CIF), 704*288(2CIF), 704*576(D1);
 NTSC: 352*240(CIF), 704*240(2CIF), 704*480(D1)
 PAL: 1-25frames/second NTSC: 1-30frames/second
 32Kbps ~ 16Mbps
 1channel, linear input
 G.726
 1channel, RCA interface, linear output
 Support Audio two-way talk
 TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS, ARP, ICMP,
 POP3, NTP, IPsec, UPNP, RTP, RTCP, IPV4
 10M/100M self-adapting Ethernet port,
 1 RS485 port, 1 RS232 port (supports transparent
 protocols)
 SD card supports video storage and image snapping;
 SD2.0 standard, maximum storage 32G
 Supports smart mobile monitor that is based on Windows
 Mobile, Symbian and iPhone platforms
 1 channel on/off input, supporting NO (normally open) or
 NC (normally close) sense.
 1 channel on/off output, 120VAC 1A/24VDC 1A
 DC 12V, 1A
 Less than 7W
 -20 ~ +55°C
 RH85% MAX
 11.3cm(H)*14.1cm(Φ)
 600g
 12pcs/carton, 16kg/carton, 510x340x270mm



IP KAMERA / Varifocal

KD-NVC81D-50S

Image sensor
 Illumination
 LENS
 Video Compression
 Video Definition
 Video Frame Rate
 Video Compression Bit rate
 Audio Input
 Audio Compression
 Audio Output
 Audio talk-back
 Supported Protocols
 System Interface
 Alarm Input
 Alarm Output
 Input Power Supply
 Maximum Power
 Operating Temperature
 Operating Humidity
 Dimension
 Net Weight

520TVL, Wired

1/3" Sony Super HAD CCD
 0.5Lux
 Build in 4-9mm varifocal lens
 H.264 Main Profile @Level 3/MJPEG
 PAL: 352*288(CIF), 704*288(2CIF), 704*576(D1);
 NTSC: 352*240(CIF), 704*240(2CIF), 704*480(D1)
 PAL: 1-25frames/second NTSC: 1-30frames/second
 32Kbps ~ 16Mbps
 1channel, linear input
 G.726
 1channel, RCA interface, linear output
 Support Audio two-way talk
 TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS, ARP, ICMP,
 POP3, NTP, IPsec, UPNP, RTP, RTCP, IPV4
 10M/100M self-adapting Ethernet port,
 1 RS485 port, 1 RS232 port (supports transparent
 protocols)
 SD card supports video storage and image snapping; SD2.0
 standard, maximum storage 32G
 Supports smart mobile monitor that is based on Windows
 Mobile, Symbian and iPhone platforms
 1 channel on/off input, supporting NO(normally open) or
 NC(normally close) sense.
 1 channel on/off output, 120VAC 1A/24VDC 1A
 DC 12V, 1A
 7W
 -10 ~ +55℃
 RH85%MAX
 11.3cm(L)*12.9cm(Φ)
 460g



IP box KAMERA

super HIGH resolution

KD-NVC92D

Image sensor

Resolution

Minimum illumination

DNR

Auto Iris Control

Video Compression

Video Definition

Video Frame Rate

Video Compression Bit rate

Audio Input

Audio Compression

Audio Output

Audio talk-back

Supported Protocols

System Interface

Alarm Input

Alarm Output

Input Power Supply

Maximum Power

Operating Temperature

Operating Humidity

Dimension

Net weight

Package:

Wired

1/3" Sony Super HAD CCD

Color : 600TVL B/W : 650TVL

Color : 0.1lux/F1.2 B/W : 0.001LUX/F1.2

High / Medium / Low / Off

DC drive

H.264 Main Profile @Level 3/MJPEG

PAL: 352*288(CIF), 704*288(2CIF), 704*576(D1);
NTSC: 352*240(CIF), 704*240(2CIF), 704*480(D1)

PAL: 1-25frames/second ; NTSC: 1-30frames/second

32Kbps ~ 16Mbps

1channel, linear input

G.726

1channel, RCA interface, linear output

Support Audio two-way talk

TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS, ARP, ICMP,
POP3, NTP, IPsec, UPNP, RTP, RTCP, IPV4

10M/100M self-adapting Ethernet port,

1 RS485 port, 1 RS232 port (supports transparent protocols)

SD card slot

Supports smart mobile monitor that is based on Windows Mobile,
Symbian and iPhone platforms

1 channel on/off input, supporting NO (normally open) or
NC (normally close) sense.

1 channel on/off output, 120VAC 1A/24VDC 1A

DC 12V, 1A

Less than 6W

-10 ~ +55

RH85%MAX

14cm(L)*5.5cm(W)*6.3cm(H)

0.42kg

14pcs/carton, 11kg/carton, 570x500x225mm



IP box KAMERA

STANDARD

KD-NVC91D-50S

KD-NVC91WD-50S

Wireless Encryption

Image sensor

Illumination

Auto Iris Control

Video compression

Video Definition

Video Frame Rate

Video Compression Bit rate

Audio Input

Audio Compression

Audio Output

Audio talk-back

Supported Protocols

System Interface

Alarm Input

Alarm Output

Input Power Supply

Maximum Power

Operating Temperature

Operating Humidity

Dimension

Net weight

Package:

WIRED

520TVL, Supports 802.11b/g protocol, 2.4GHZ, maximum wireless distance can be 100 meters

Supports WEP, WPA, WPA2

1/3" Sony Super HAD CCD

0.5Lux

DC drive

H.264 Main Profile @Level 3/MJPEG

PAL: 352*288(CIF), 704*288(2CIF), 704*576(D1);

NTSC: 352*240(CIF), 704*240(2CIF), 704*480(D1)

PAL: 1-25frames/second NTSC: 1-30frames/second

32Kbps ~ 16Mbps

1channel, linear input

G.726

1channel, RCA interface, linear output

Support Audio two-way talk

TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS, ARP, ICMP, POP3, NTP, IPsec, UPNP, RTP, RTCP, IPV4

10M/100M self-adapting Ethernet port,

1 RS485 port, 1 RS232 port (supports transparent protocols)

SD card slot

Supports smart mobile monitor that is based on Windows Mobile, Symbian and iPhone platforms

1 channel on/off input, supporting NO (normally open) or NC (normally close) sense.

1 channel on/off output, 120VAC 1A/24VDC 1A

DC 12V, 1A

Less than 6W

-10 ~ +55°C

RH85% MAX

14cm(L)*5.5cm(W)*6.3cm(H)

0.42kg

14pcs/carton, 11kg/carton, 570x500x225mm



1.3 Megapixel CCD IP KAMERA

PTZoom

KD-NMP160

Network Spec:

Video compression

Video Definition

Video Compression Bit rate

Supported Protocols

Mobile Monitor

Streaming Format

IR-CUT

Audio streaming

Local Storage

System Interface

Alarm In

Alarm Out

Speed Dome Spec:

preset

Pan rotation range

Tilt range

Manual pan speed

Manual vertical speed

IP Grade

Title OSD

Baud rate (RS485)

Camera Spec:

Zoom Camera

Image Sensor

Min. Illumination

Zoom Length

Environmental

Operating Temp

Operating Humidity

Power Supply

Power Consumption

Dimension

N.W

CCD Megapixel IP High Speed Dome with 18x zoom camera

H.264 Main Profile@ Level 3/ MJPEG

Primary stream: : 1280x960, 1280x720

Secondary stream: 640x360、320x280

32Kbps~ 16Mbps, Support CBR/VBR

TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS, ARP, ICMP, POP3, NTP, Ipsec, UPNP, RTP, RTCP, IPV4

Supports smart mobile phones that are based on Windows Mobile 6, Symbian v3, v5 and iPhone.

Optional Video Streaming or Audio & Video composite Streaming supports

Two Way Audio connector(Optional)

TF card supports video storage and image snapping; SD2.0 standard, maximum storage 32G

10M/100M self-adapting Ethernet port, power supply cable.

1-channel input, Normally Open/Normally Close modes adjustable(Optional)

1-channel output, 120VAC 1A/24VDC 1A(Optional)

255 presets, can be labeled with editable title

360° Endless

Tilt 90°

0.1°—250°/S

0.1°—150°/S

IP66

Supports channel name, date, and video stream information overlay; OSD location is adjustable

2400/4800/9600/19200bps

Hitachi , 18 x optical zoom, 12x digital zoom

1/3" 1.3-megapixel progressive-scan CCD

day: 0.8 Lux\night: 0.02 Lux

4.7-84.6mm, F1.6 ~F2.8

-10- +55

10 ~ 90%

AC 24V

25W(MAX)

6 inch dome

3kg



1.3 Megapixel CCD IP KAMERA

KD-NMP140

Image Sensor

Video Standard

IR cut

IR Parameters

IR distance

Lens

IR-CUT

Video Scanning

Processor

Video Compression

Dual Stream

Video Definition

Video Frame Rate

Video Bit rate

Audio Compression

Talkback Input

Audio Output

Title OSD

SD Card Interface

Control Interface

Alarm Input

Alarm Output

E-mail Alarm

FTP Protocol

RTSP Protocol

Mobile Monitor

Working Temperature

Working Humidity

Power Input

Power Consumption

Dimension

N.W.

Wired

1/3" SONY Progressive Scan CCD, total pixels: 1.3M, minimum illumination: day: 0.1 Lux@F1.2\night: 0.01 Lux@F1.2

Digital CCD

support

48 IR LEDs

30-50m

Optional 6mm/8mm/12mm fixed focus lens

(6mm with the best effect between5-10 m, 8mm with the best effect between10-20 m, 12mm with the best effect between20-30mm ,16mm with the best effect between 30-50m

supports

Progressive

Hi3512

H.264 Main Profile @Level 3.0 / MJPEG

Support

Primary stream: :1280x720

Secondary stream: 640x360、320x280

Primary Stream:1~12.5fps(1280x960),1~25fps(1280x720) Secondary stream: 1~25fps

32Kbps~16Mbps

G.726

1 channel MIC interface

1 channel linear output

Supports channel name, date, and video stream information overlay; OSD location is adjustable

SD card supports video storage and image snapping; SD2.0 standard, maximum storage 32G

1 RS485 interface

1-channel input, Normally Open/Normally Close modes adjustable

1-channel output, 120VAC 1A/24VDC 1A

Support

Support, upload images to a ftp server

Support, upload images to a ftp server

Support Windows Mobile, Symbian, iPhone platform smart mobile monitor

-10 ~ +55

10 ~ 85%

DC12V/3.0A

< 12W

248mm(L)*110mm(W)*110mm(H)

2.18kg



1.3 Megapixel CCD IP KAMERA

KD-NMP120	Wired
Image Sensor	1.3 Megapixel 1/3" Sony Progressive Scanning CCD
Video Standard	Digital CCD
Video Scanning	Progressive
Processor	Hi3512
IR-CUT	supports
Video Compression	H.264 Main Profile @Level 3.0 / MJPEG
Dual Stream	Support
Video Definition	Primary stream: :1280x720 Secondary stream: 640x360、320x280
Video Frame Rate	Primary Stream:1~12.5fps(1280x960),1~25fps(1280x720) Secondary stream: 1~25fps
Video Bit rate	32Kbps~16Mbps
Video Output	With 1 channel CVBS analog video loop output
Audio Compression	G.726
Talkback Input	1 channel MIC interface
Audio Output	1 channel linear output
Title OSD	Supports channel name, date, and video stream information overlay; OSD location is adjustable
SD Card Interface	SD card supports video storage and image snapping; SD2.0 standard, maximum storage 32G
Control Interface	1 RS485 interface
Alarm Input	1-channel input, Normally Open/Normally Close modes adjustable
Alarm Output	1-channel output, 120VAC 1A/24VDC 1A
E-mail Alarm	Support
FTP Protocol	Support
RTSP Protocol	Support
Mobile Monitor	Support Windows Mobile, Symbian, iPhone platform smart mobile monitor
Working Temperature	-10 ~ +55
Working Humidity	10 ~ 85%
Power Input	DC12V/1.0A
Power Consumption	< 8W
Dimension	155x75x55mm
N.W.	0,58kg





2 Megapixel CMOS IP KAMERA

KD-NMP110

Sensor	IR Distance
Lens	
Video Compression	IR-CUT
Video Parameters	Streaming Format
Video Definition	
Video Frame Rate	
Video Compression Bit rate	
Video output	Audio Input
Audio Input	Audio Compression
Audio Compression	Audio Output
Audio Output	two-way talk input
two-way talk input	Image Encrypting
Image Encrypting	Local recording
Local recording	Supported Protocols
Supported Protocols	System Interface
System Interface	Alarm Input
Alarm Input	Alarm Output
Alarm Output	Power Supply
Power Supply	Power Consumption
Power Consumption	Work Temperature
Work Temperature	Storage Temperature
Storage Temperature	Work Humidity
Work Humidity	Dimension
Dimension	Net weight
Net weight	

Wired

1/3" 2-megapixels CMOS sensor, Minimum illumination 0.1Lux (IR on)
30-50m
Optional 6mm/8mm/12mm/16mm fixed focus lens (6mm with the best effect between5-10 m, 8mm with the best effect between10-20 m, 12mm with the best effect between20-30mm ,16mm with the best effect between 30-50m
H.264 Main Profile @Level 3/MJPEG optional
supports
Brightness, hue, contrast, saturation and image quality
Video Streaming or Audio &Video composite Streaming
Primary stream: :1280x720
Secondary stream: 640x360、320x280
Primary Stream:1~12.5fps(1280x960),1~25fps(1280x720) Secondary stream: 1~25fps
32Kbps ~ 16Mbps
1channel composite video output (CMOS NOT SUPPORTED)
1channel,linear input, Input Impedance:1KOhms
G.726
1channel, linear output,
Support Audio two-way talk
Digital watermarking, AES Encrypt
SD card recording and snapshot
Support IP-San storage
TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS,ARP, ICMP, POP3, NTP, Ipsec, UpnP, RTP, RTCP,IPV4
10Base-T/100Base-TX Ethernet port
1 RS485
Supports smart mobile monitor that is based on Windows Mobile, Symbian and iPhone platforms
1channel on/off input, support NO (open) or NC (closed)
1 channel on/off, 120VAC 1A/24VDC 1A
DC 12V 2A
Max13 W
-20 ~ 60 °C
-30 ~ 70 °C
10 ~ 90%
24.8cm(L)*11.0cm(W)*11.0cm(H)
2.18kg



2 Megapixel CMOS IP KAMERA

2 Megapixel CMOS IP Box Camera

- 1/3"2-megapixels CMOS sensor, • Minimum illumination 1 Lux, • Video Resolution:1600x1200,1280x960,1280x720, 800x600, • With 1 channel CVBS analog video loop output

KD-NMP130

Sensor
Video Output
Auto Iris
Video Compression
IR-CUT
Video Parameters
Streaming Format
Video Definition
Video Frame Rate
Video Compression Bit rate
Video Output
Audio Input
Audio Compression
Audio Output
Two-way talk input
Image Encrypting
Local recording
Supported Protocols
System Interface
Alarm input
Alarm output
Power supply
Power consumption
Work temperature
Storage temperature
Work humidity
Dimension
N.W.

Wired.

1/3" 2-megapixels CMOS sensor, Minimum illumination 1 Lux
With 1 channel CVBS analog video loop output
DC drive (CMOS NOT SUPPORTED)
H.264 Main Profile @Level 3/MJPEG optional
supports
Brightness, hue, contrast, saturation and image quality
Video Streaming or Audio &Video composite Streaming
Primary stream: :1280x720
Secondary stream: 640x360, 320x280
Primary Stream:1~12.5fps(1280x960),1~25fps(1280x720) Secondary stream: 1~25fps
32Kbps~16Mbps
1channel composite video output (CMOS NOT SUPPORTED)
1channel,linear input, Input Impedance:1KOhms
G.726
1channel, linear output,
Support Audio two-way talk
Digital watermarking, AES Encrypt
SD card recording and snapshot
Support IP-San storage
TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS,ARP, ICMP, POP3, NTP, Ipsec, UpnP, RTP, RTCP, IPV4,
10Base-T/100Base-TX Ethernet port
1 RS485
Supports smart mobile monitor that is based on Windows Mobile, Symbian and iPhone platforms
1channel on/off input, support NO (open) or NC (closed)
RFID technology,link with wireless detectors
1 channel on/off, 120VAC 1A/24VDC 1A
DC 12V 1A / 3A (high power wifi)
6W Max
-10 ~ 55 °C
-20 ~ 70 °C
RH85%MAX
155x75x55mm
0.58kg



2 Megapixel CMOS IP KAMERA

KD-NMP151

Sensor
Lens
IR LED
Video Compression
Video Resolution
Video Parameters
Streaming Format
Video Definition
Video Frame Rate
Video Compression Bit rate
Audio Input
Audio Compression
Audio Output
two-way talk input
Image Encrypting
Local recording
Supported Protocols
System Interface
Alarm input
Alarm output
Power supply
Power consumption
Work temperature
Storage temperature
Work humidity
Dimension
Net weight
Package:




Wired


1/3" 2-megapixels CMOS sensor, Minimum illumination 1 Lux
6mm/8mm fixed iris lens optional
Built- in 16PCS led. IR distance 10m.
H.264 Main Profile @Level 3/MJPEG optional
Primary stream: 1600x1200,1280x960,1280x720
Secondary stream: 800x600,400x288,192x144
Brightness, hue, contrast, saturation and image quality
Video Streaming or Audio &Video composite Streaming
Primary stream: :1280x720
Secondary stream: 640x360、 320x280
Primary Stream:1~12.5fps(1280x960),1~25fps(1280x720) Secondary stream: 1~25fps
32Kbps ~ 16Mbps
1channel,linear input, Input Impedance:1KOhms
G.726
1channel, linear output,
Support Audio two-way talk
Digital watermarking, AES Encrypt
SD card recording and snapshot
Support IP-San storage
TCP, UDP, IP, HTTP, FTP, SMTP, DHCP, DNS,ARP, ICMP, POP3, NTP, Ipsec, UpnP, RTP, RTCP, IPV4
10Base-T/100Base-TX Ethernet port
1 RS485
Supports smart mobile monitor that is based on Windows Mobile, Symbian and iPhone platforms
1channel on/off input, support NO (open) or NC (closed)
RFID technology , link with wireless detectors
1 channel on/off, 120VAC 1A/24VDC 1A
DC 12V 1A
< 8W
-10 ~ 55 °C
-20 ~ 70 °C
RH85%MAX
Dimension:164mm * 137mm * 113mm
0.56kg
10pcs/carton, 13kg/carton, 930x270x365 mm


OBJEKTIVI

NOSACI

KUCISTA

Vari-focal DC Auto Iris Lens								
PIC	MODEL	Focal Lens(mm)	Aperture(F)	Mount	Image Format	Size	Weight	Angle
						(MM)	(g)	
	KD-L2812D	2.8-12	1.4	CS	1/3"	φ 37×43.8×75	92	110°-28°
	KD-L0358D	3.5-8.0	1.4	CS	1/3"	φ 32×45.8×51	85	96°-45°
	KD-L0358D/S	3.5-8.0	1.4	CS	1/3"	φ 32×45.8×51	85	96°-45°
	KD-L0615D	6.0-15	1.6	CS	1/3"	φ 32×45.8×62	95	54°-23°
	KD-L1230D	12/30	1.6	CS	1/3"	φ 32×45.8×70	93	28°-12°
	KD-L0660D	6.0-60	1.6	CS	1/3"	φ 37×46×82	154	52°-5°
	KD-L0550D	5.0-50	1.6	CS	1/3"	φ 37×46×82	154	52°-5°
	KD-L05100D	5.0-100	1.8	CS	1/3"			55°-3°

KD-605B	Type	INDOOR/OUTDOOR
	Mounting Mode	WALL
	Material	ALUMINIUM
	Color	BEIGE
	Dimension	2.2 /2.6
	Max-Load	10kg
	Swivel Angle	360°
	Weight	490g
	Packing	20PCS/CTN

KD-801 KD-801S	Type	INDOOR/OUTDOOR
	Material	ALUMINIUM
	Color	BEIGE
	Dimension	801:142(W)X115(H)X390(L)mm
		801S:142(W)X115(H)X310(L)mm
	Window	74(L)X63(W)
	Input Voltage	DC12V/24~240VAC
	Control	HEATER BLOWER
	Temperature	ON:15°C±3°C ON:35°C±3°C
		OFF:25°C±3°C OFF:25°C±3°C
	Safety Certifications	CE,IP66
	Weight	801:1488g
		801S:1290g
Packing	12PCS/CTN	



	KD-NVS901D; KD-NVS902D; KD-NVS904C; KD-NVS904D
Mode	1/2/4 channel composite video, PAL or NTSC
Video Input	BNC interface, 1.0Vp-p, impedance 75Ohms
Video compression	H.264 Main Profile @Level 3 / MJPEG
Dual-Streaming	H.264/ MJPEG option
Video Definition	PAL: 352*288 (CIF), 704*288 (2CIF), 704*576 (D1); NTSC: 352*240 (CIF), 704*240 (2CIF), 704*480 (D1)
Video Parameters	Brightness, Hue, Contrast, Saturation, Image quality.
Streaming Format	Optional Video Streaming or Audio & Video composite Streaming
Video Frame Rate	PAL: 1-25 frames/second ; NTSC: 1-30 frames/second
Video Compression Bit rate	32Kbps ~ 16Mbps
Video Output	1 compound video, PAL or NTSC; BNC, level: 1.0Vp-p, impedance: 75Ω,
Audio Compression	G.726, G711, ADPCM
Audio Input	12/4 channel, RCA port, liner input, Impedance: 1KOhms
Audio Output	1 channel, RCA port, linear output
Audio talk-back input	1 channel, MIC port
Overlaid Caption	Channel, Date, Bit rate. position adjustable
Communication Interface	1 10M/100M self-adapting Ethernet port, RS485 port, RS232 port Built-in some high-speed protocols and decoding protocols. Support public protocols. Support CDMA, GPRS mobile network. supports 802.11b/g protocol, 2.4GHz, maximum wireless distance can be 100 meters, Supports WEP, WPA, WPA2 (support wireless model)
Storage interface	Built-in standard SATA port for HDD. Support SD card storage and snapshot, SD2.0 standard. (Max 32G SD card), Support FTP server.
	Supports smart mobile monitor that is based on Windows Mobile, Symbian and iPhone platforms
Alarm Input	4 channel on/off input, supporting NO (normally open) or NC (normally close) sense.
Alarm Output	4 channel on/off output, 120VAC 1A/24VDC 1A
Alarm Message	Sending alarm message by Email.
Input Power Supply	DC 12V, 3A
Maximum Power	Less than 15W
Operating Temperature	-10 ~ +55℃
Operating Humidity	RH90% MAX
Dimension	33Cm(L) * 20Cm(W) * 4.8Cm(H)
Net weight	1.82kg



Specification	KD-NSS316X
Network Port	Dual 10/100/1000Mbps Ethernet ports
Storage Media	16 SATA □ HDDs
HDD Installation	Independent HDD bracket Support HDD hot swap
Data Protection	Support RAID0/ RAID1/ RAID5
Server	Microsoft Windows2000/XP/NT/Server2003 Linux/Unix
Fan	Redundant dual ball bearing fan MTBF>100 thousand hours
Redundant Configuration	Support 2+1 hot swap power
Power Consumption	100V~240VAC ; 50Hz~60Hz ;
Whole Unit Power Consumption (16 SATA HDDs)	280W~350W
Dimension (H*W*D)	133*450*650(mm)
Working Temperature	5□ ~ 40□
Working Humidity	10% ~ 80% (Non condensation)
Storage Environment Temperature	-20□ ~ 70□
Storage Environment Humidity	5% ~ 90% (Non condensation)
Extension Function	Max support 2 , total 46 HDDS
Altitude	-60m ~ 3000m
Unit Weight (Exclude HDD)	33Kg
Certificate and Security	China Compulsory Certificate
Unit Fan	Support on-line update