CYNICS™
Your Last Stop for CCTV Solutions

Megapixel Digital Surveillance
When Every Detail Matters

Full HD
1080

4000 Series
HD IP CCTV June 2013 Edition

CYNICS™ HD IP Surveillance System

CYNICS 4000 series IP solution are designed base on latest Linux platform, which offer a more stable, cost effective, complete PC free Surveillance Solution.

High Resolution

Experience HD video at an affordable cost.

Full HD 1080p
1920 x 1080

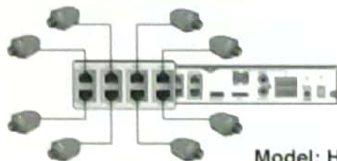**HD 720p**
1280 x 720

D1
704 x 576

Easy Installation and Plug & Play Setup

Get an ethernet cable, connect the camera tp PoE NVR, power on, and you're in entering the world of HD IP CCTV.

Model: HN4208P & HN4216P

Compact Design (HN4208P Kit)

Four IP network cameras are included in the package which are designed with IP66 rating and palm-sized housing for surveillance applications.

Indoor/Outdoor Night Vision

All cameras equip with latest 3D-DNR, TDN, SMART-IR functions to ensure its night vision to be the best in market.

DNR On

DNR Off

DNR (Digital Noise Reduction) ensures noise reduction in low lux.

Mechanical filter change ensure perfect image for both day & night.

Smart IR On

Smart IR Off

SMART IR function prevent the object being over expose from the IR illumination.

ONVIF Compatible

ONVIF is an international standard protocol to ensure interoperability between IP surveillance products from different manufacturer.

Remote Viewing

Don't feel away from home, with the flexibility of CYNICS IP CCTV, you can connect from anywhere, anytime, via your PC or Mac, or by downloading free Mobile apps onto your smartphone or tablet, and check in on your home remotely.

Live Preview, Record, Playback, Backup & Remote Preview

The NVR is capable of multi-tasking, which allows several functions to occur on the system at one time: record video, watch live video, and playback video while monitoring and managing the system remotely, and also backing up files. All in HD resolution.

Efficient Storage

Based on latest H.264 High Profile platform, CYNICS 4000 series IP solution offers a 30%~40% higher compression efficiency than standard H.264. Reduce in HDD consumption & increase in transmission frame rate.

ZIP

Easy USB Backup

Built-in USB port provides an easy option to transfer your files to a PC, backup, or send to others.

HI-SPEED CERTIFIED USB™

CYNICS™
4000-Series Megapixels IP Camera

IP Camera Features

- 3.0 Megapixel 2040 x 1530
- 2.0 Megapixel 1920 x 1080
- 1.3 Megapixel 1280 x 960
- H.264 High Profile

- ONVIF Compatible
- 3D-DNR, Dual Stream
- Day&Night by Filter Change
- Network 10/100 Base-T

- IE, Firefox, Chrome support
- Android, iPhone/iPad Application
- 64ch CMS Software Included
- PoE (except Speedome CNC425W20)

CNC4230

1.3M Weatherproof
IR PoE Camera
30pcs 5mm IR LED

CNC4210

1.3M IR
PoE Dome
30pcs
5mm IR LED

Specification

Model	CNC4230	CNC4210
Image Sensor	1/3" Progressive Scan CMOS	
Resolution	1280x960 @ 25fps (PAL) or 30fps (NTSC)	
Shuttle	1/25s~1/100,000s	
Lens	M12 4/6mm Fixed Lens	
Day&Night	Filter Change or TDN (True Day&Night)	
Minimum Illumination	0 Lux up to 20m (Subject to reflection)	
Network	10/100 Base-T, RJ45	
Bit Rate	32Kbps~4Mbps	
Compression	Dual Stream : H.264 High Profile / MJPEG	
Working Environment	-10°C~60°C, 90° Humidity (Non-Condensing)	
Power	PoE IEEE 802.3af compliant, or 12VDC, Max 5.5W(IR-On)	
Dimension (mm)	60(ø) x 140(L), 300g	112(ø) x 85(H), 600g

CNC4200

1.3M Super Wide Dynamic Box
PoE Camera

*Lens not included

CNC4235

1.3M
Weatherproof
IR PoE Camera
50m LED Array

Specification

Model	CNC4200	CNC4235
Image Sensor	1/3" Progressive Scan CMOS	
Resolution	1280x960 @ 25fps (PAL) or 30fps (NTSC)	
Shuttle	1/25s~1/100,000s	
Lens	CS-Mount DC AI Lens	4/6/12mm Fixed Lens
Day&Night	Filter Change or TDN (True Day&Night)	
Minimum Illumination	0.05 Lux @ F1.2	0 Lux up to 50m (Subject to reflection)
Network	10/100 Base-T, RJ45	
Bit Rate	32Kbps~4Mbps	
Compression	Dual Stream : H.264 High Profile / MJPEG	
Working Environment	-10°C~60°C, 90° Humidity (Non-Condensing)	
Power	PoE IEEE 802.3af compliant, or 12VDC, Max 5W (4200) or 9W (4235)	
Dimension (mm)	68(W) x 65(H) x 145(L), 500g	100(W) x 88(H) x 160(L), 700g

*Specification maybe changed without prior notice.

CYNICS™ 4000-Series Megapixels IP Camera

CNC425W20

1.3M 20X
Outdoor
Speedome

CNC4400

3 Megapixels POE IP Box Camera

* Lens not included

Specification

Model	CNC425W20	CNC4400
Image Sensor	1/3" Progressive Scan CMOS	
Resolution	1280x960 @ 25fps	2048x1536 @ 12.5fps / 1920x1080 @ 25fps
Shuttle	1/25s~1/100,000s	
Lens	4.3~86mm Zoom Lens	CS-Mount DC AI Lens
Day&Night	Filter Change or TDN (True Day&Night)	
Minimum Illumination	0.05 Lux	0.01 Lux
Network	10/100 Base-T, RJ45	
Bit Rate	32Kbps~4Mbps	
Compression	Dual Stream : H.264 High Profile / MJPEG	
Working Environment	-10°C~60°C, 90° Humidity (Non-Condensing)	
Power	24VAC, Max.20W (Heater Off)	PoE IEEE 802.3af compliant, or 12VDC, Max. 5W
Dimension (mm)	220(ø) x 325.5(H), 5kg	68(W) x 65(H) x 145(L), 500g

CNC4413

3 Megapixels
PoE IR IP Dome
Camera

CNC4435

3 Megapixels Weatherproof
50m LED Array IR PoE Camera

Specification

Model	CNC4413	CNC4435
Image Sensor	1/3" Progressive Scan CMOS	
Resolution	2048 x 1536 @ 12.5fps / 1920 x 1080 @ 25fps	
Shuttle	1/25s~1/100,000s	
Lens	M12 4/6/12mm Fixed Lens	
Day&Night	Filter Change or TDN (True Day&Night)	
Minimum Illumination	0 Lux up to 30m	0 Lux up to 50m
Network	10/100 Base-T, RJ45	
Bit Rate	32Kbps~4Mbps	
Compression	Dual Stream : H.264 High Profile / MJPEG	
Working Environment	-10°C~60°C, 90° Humidity (Non-Condensing)	
Power	PoE IEEE 802.3af compliant, or 12VDC, Max 5.5W (CNC4413) or 9W (CNC4435)	
Dimension	127(ø) x 98(H), 670g	100(W) x 88(H) x 160(L), 700g

* Specification maybe changed without prior notice.

CYNiCS™ 4000-Series Standalone HD NVR

NVR Features :

- Stable & Economical Standalone Linux base
- Real-Time Display & Record@HD 720p (1.3)
- Full HD 1080p HDMI Output
- VGA Output
- H.264 High Profile, ONVIF Compatible

- USB Mouse Control & Backup
- Motion Detect, Anti-Vandalism
- Network 10/100/1000 Base-T
- IE, Firefox, Chrome Support
- Android, iPhone/iPad Application
- 64ch CMS Software Included

HN4208P
8ch 200fps @ 720p Standalone
8 PoE NVR (2HDDs)

HN4216
16ch 400fps @ 720p
Standalone NVR (2HDDs)

HN4216P
16ch 400fps @ 720p Standalone
8 PoE NVR (2HDDs)

HN4208P & HN4216P

HN4216

Specification

Model	HN4208P	HN4216	HN4216P
Video In (IP)	8ch	16ch	16ch
Recording	200fps @ 1280x720 (1.3M)	400fps @ 1280 x 720 (1.3M)	400fps @ 1280 x 720 (1.3M)
Audio	1ch In / 1ch Out, 2 Way Communication		
Monitor Out	HDMI x1 : 1920x1080, 1600x1200, 1280x720		
	VGA x1 : 1920x1080, 1600x1200, 1280x720		
	Composite x1 : 704x576		
Storage	Up to 2 Internal SATA HDD, 4TB each HDD		
Bit Rate	32Kbps ~ 4Mbps / channel		
Compression	Dual Stream : H.264 High Profile / MJPEG		
Working Environment	-10° ~ 55°C, <90° Humidity (Non-Condensing)		
Power	Max. 60W (include HDD & 8nos PoE Cameras)		
Dimension	445mm(W) x 261mm(D) x 44.5mm(H), 4kg		

Specification

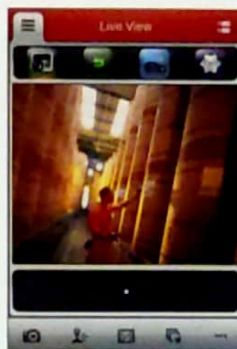| Model	HN4432
Video In (IP)	32ch
Recording	Max. up to 800fps @ 1280 x 720 (1.3M)
Audio	1ch In / 1ch Out, 2 Way Communication
Monitor Out	HDMI x1 : 1920x1080, 1600x1200, 1280x720
	VGA x1 : 1920x1080, 1600x1200, 1280x720
	Composite x1 : 704x576
Storage	Up to 4 Internal SATA HDD, 4TB each HDD
Network	10/100/1000-BaseT, RJ45
Bit Rate	32Kbps ~ 4Mbps / channel
Compression	Dual Stream : H.264 High Profile / MJPEG
Working Environment	-10° ~ 55°C, <90° Humidity (Non-Condensing)
Power	Max. 60W (include HDD & 8nos PoE Cameras)
Dimension	440mm(W) x 390mm(D) x 70mm(H), 4kg w/o HDD

HN4432
32ch 800fps @ 720p Standalone
80Mbps Bandwidth NVR (4HDDs)

* Specification maybe changed without prior notice.

Highlights of GUARDING EXPERT, Remote Software for iPhone and Adroid phones.

1. New designed GUI provides convenient operations
2. Tutorial for first setup
3. iPhone 5 is supported
4. Up to 16-ch live view (iPad)
5. Support live view by page
6. Support live viewing of channel-zero
7. Impeccable PTZ Operation
8. Window Division
9. Alarm outputs management
10. Optimize the playing performance
11. Timer shaft control of playback
12. Check new version automatically
13. New Features and Help
14. Password protection

CYNiCS ™ IP Decoder & IP Keyboard

4000-Series IP Decorder
D6404 – 4 Monitor Output
D6408 – 8 Monitor Output

Features :
- Stable Standalone Linux base
- Decode IP Video 720p, 1080p & 5MP
- VGA & Full HD 1080p HDMI output
- Display any IP cameras in network in any monitor output
- D6404 : 4 monitor output & decode up to
  2ch 5MP, 4ch 1080p, 8ch 720p
  TV Wall display : 2x2
- D6408 : 8 monitor output & decode up to
  4ch 5MP, 8ch 1080p, 16ch 720p
  TV Wall : 2x2, 2x3, 3x2, 2x4, 4x2

Model	D6404	D6408
VGA Output	4ch	8ch
HDMI Output	4ch	8ch
CVBS Output	2ch	4ch
Audio In/Out	1/1	1/1
Decording	2ch@5MP	4ch@5MP
Capacity	4ch@1080p	8ch@1080p
	8ch@720p	16ch@720p
Multi-ch Display	1/4/9/16ch at any monitor output	
Network	10/100/1000 Mbps	
Alarm	4 Alarm In / 4 Alarm Out	
Working	Temperature: -10°C ~ +55°C	
Environment	Humidity 10°~90° (Non-Condensing)	
Power	100~240VAC Input, Max 70W	
Dimension (mm)	440(W) x 340(D) x 70(H)	

4000-Series IP Keyboard
K1100 - Professional Network Keyboard

Features :
- Stable Standalone Linux base
- PTZ Control up to 255 units IP or Analog speedome
- Shortcut key for Presets, Tour.
- Control Video Wall together with IP Matrix D6404/D6408
- 4-Axis Joystick
- 7" Touch Screen LCD Display
- 1ch IP Camera Display
- NVR Control
- 2-way Audio
- Video capture & store in USB
- Playback record files from USB
- Playback record files through network
- RS485 for Analog Speedome control
- IP Cameras Setting
- User Management

Model	K1100
Control	IP Base & RS485
LCD Panel	7" 800x600 Resolution
Joystick	4-Axis
Audio In	3.5mm, 2Vp-p, 1K Ohm
Audio Out	3.5mm, Linear, 560 Ohm
Network	10/100/100 Mbps
Working	Temperature: -10°C~+55°C
Environment	Humidity: 10~90%
Power	12VDC, <15W
Dimension (mm)	195(W) x 435(D) x 110(H), 2kg

CYNiCS ™
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Authorised Dealer:

FC CE

www.cynics.com.my

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