IBP5030CR

Features

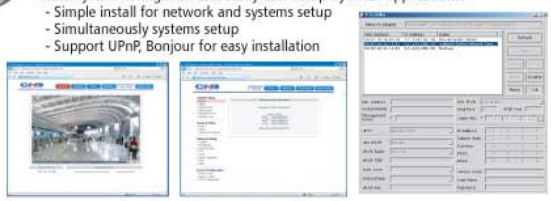
- Hybrid IP Mega-pixel Weatherproof Camera
  - Select NTSC/PAL 1.0Vp-p (BNC type, composite)
- 1/2" Progressive CMOS Sensor
- Max. 1280(H) x 960(V) 1.3M Pixels
- 1.3 Mega-pixels Resolution up to 24fps
- Built-in Varifocal Lens (7.5~50mm F1.3)
- Built-in IR LEDs (206EA), Sensor 1EA
- Ethernet 10/100 Base-T
- RS-485(Pelco-D) Interface or Sensor Alarm Selectable

XNET Applications

Plug & Easy Play over IP

XNET supports plug and play with wizard installer.
Auto system configation and easily user setup by XNET applications.

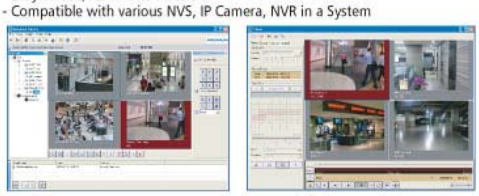
- Simple install for network and systems setup
- Simultaneously systems setup
- Support UPnP, Bonjour for easy installation



XNET CMS / XNET NVR

CNB XNET CMS/ NVR is the world first software that combines alarm monitoring and video surveillance seamlessly

- Multi-level user group / Interative E-Map
- User-friendly windows-shell design with docking station utillity panels
- Interactive Control, Triple monitors
- Easy to Use, All-in-One screen
- Compatible with various NVS, IP Camera, NVR in a System

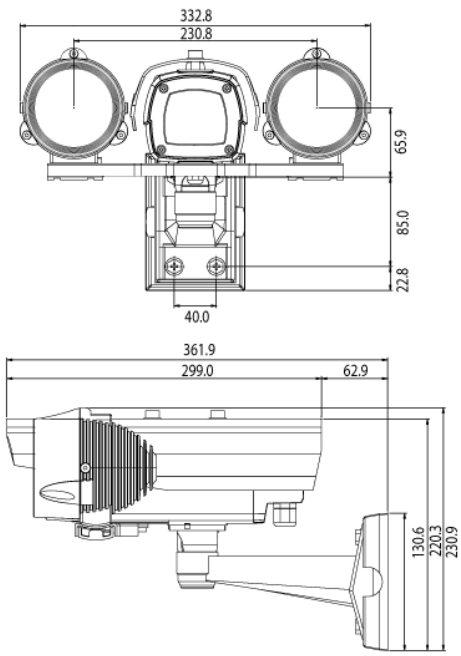


XNET APP (XNET Alliance Partner Program)

CNB XNET Products support Open-API for partners.
Supplying a dynamic SDK based on API for various IP security enviorment.
Join hands with XNET Alliance Parter Program, you can make a stable and strong IP security enviorment with improving your CMS and NVR.

[SDK Package Items]
- Sample Program and System Library for debug
- Release Mode Sample Method
- Documentation for SDK
- Sample Header File
- Library(debug/release)
- Sample Source Code (by Visual Studio 2005)

Dimensions



Design and Specifications are subject to change without notice.

XNET Main Feature

MEGA Pixel Image

XNET IGP1030 can supports 1.3 Mega-Pixel resolution with detailed image and is asking less number of monitor. XNET IGP1030 support the Mega-Pixel resolution monitoring image. Max.1280 x 960 image at real time streamming - over IP.

1.3 Mega-pixel image

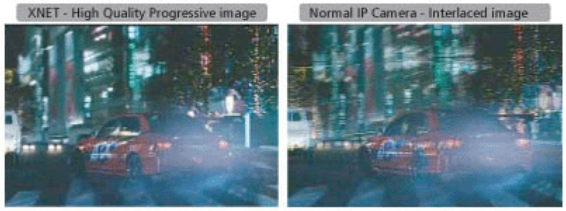
Digital Zoom image

Progressive Image Processing Technology

XNET can support high quality progressive scan for clear monitoring image. Remove flicker-free noiseless.

XNET - High Quality Progressive image

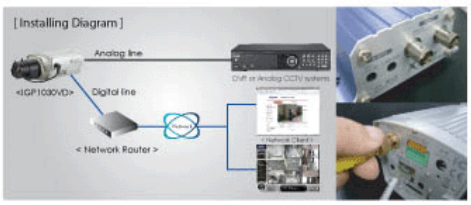
Normal IP Camera - Interlaced image



[MPEG4 Comparison image]

Hybrid IP Technology

XNET can support Hybrid technology. At a standard analog CCTV BNC composite connection for CCTV system. At the same time, monitoring image over IP.



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1.3 Mega-pixel image

Digital Zoom image

Multiple Event Trigger

XNET also includes activity motion / sensor detection. Easily defined event setting and on-screen display. Activity detection events, XNET supports trigger event output over IP and can save the event image.

Storage Over IP

XNET built-in local storage for pre/post alarm, event image and local saving function. Event (motion and alarm) recording on the local storage is also possible by internal memory. SD memory card can be used as a second storage option.

Design and Specifications are subject to change without notice.

Specifications

IBP5030CR		Specifications
Camera	Signal System	Progressive image processing
	Scanning System	4:3 Progressive
	Image Sensor	1/2" Progressive CMOS Sensor
	Sync. System	Internal
	Effective Pixels Number	1280 (H) x 960 (V) 1.3 Mega
	Horizontal Resolution	800 TV Lines
	Video Output Level	Select NTSC/PAL 1.0Vp-p (BNC 75Ω, composite) * VGA/QVGA Mode Only
	Lens	DC Iris Vari-focal Lens (f=7.5~50.0mm, F1.3)
	Min. Illumination	1 Lux (DSS On), 0.00 Lux (IR LED On)
	IR LED and Sensor	IR LEDs (206EA, 850nm, 15˚), Sensor 1EA
	IR LED Lighting Distance	Max. 80m
	Back Light Compensation	On/Off
	Flickerless	On/Off
	White Balance	Auto/Manual
	Exposure	Auto/Manual
	Functions	B/W
	Electronic Shutter Speed	NTSC : 1/6 ~ 1/600 (13 Step) / PAL : 1/6 ~ 1/500 (13 Step)
System	Main Processors	32bit Embedded CPU with Linux
	System Memory	NAND Flash Memory : 64MByte, 128MB DDR Memory
Video / Audio	Compression	SXGA / XGA : MJPEG / VGA : MJPEG / MPEG4 / H.264
	Frame rate	SXGA, XGA, VGA, CIF : 24fps
	Resolution	SXGA (1280 x 960), XGA (1024 x 768), VGA (640 x 480), QVGA (320 x 240)
	Video streaming	SXGA / XGA : MJPEG Single mode, VGA : Dual Capable
		Constant and variable bit rate in MPEG4 or H.264
	Image settings	Compression level setting, Configurable Brightness, Sharpness, White Balance
Network	Protocol	IPv4, TCP, UDP, RTSP, RTCP, RTP, HTTP, SMTP, FTP, DHCP, UPnP, Bonjour, DNS, DynDNS, IGMP, SAP, ICMP, ARP
	Supported DDNS	1. CNB DDNS 2. DynDNS.org 3. Reference code with SDK
	Video access from Web browser	Camera live viewer for up to 10 clients
	LAN Interface	Ethernet 10/100 Base-T (RJ-45 Type)
Security	Access level setup	Multiple user access levels with password protection
	Network Security	IP Filtering
Alarm and Event Management	Image detection	Motion detection (Select 3 Regions - each area)
	Sensor detection	Sensor In, Scheduling, Alarm out
	After Event process	JPEG Image upload over FTP server / SMTP (E-mail server)
	Local storage	JPEG Image write to Internal memory - Internal memory : Max 32MByte
	Pre / Post alarm	Detail time-set : Max Pre Alarm 5 sec / Post alarm 8 sec Local storage (Internal memory)
Applications	Browser	Internet Explorer 6.0 or Higher
	Monitoring Application	Web Viewer (Window Web Browser Base) Live view for up to 10 user clients Video Snapshot & recording to file (JPEG file)
		XNET NVR, CNB CMS and Utility (IP-Installer, etc)
Maintenance	System Upgrade	Firmware upgrade over HTTP
	Digital Input / Output Control	1 Sensor / 1 Alarm, Selectable with RS-485 by Cable
	PTZ control (RS-485)	PTZ Protocol Service (User define update), Selectable with Digital I/O by Cable
Mechanical	Operating Temperature	-10℃ ~ +50℃ / -30℃ ~ +50℃(with Fan & Heater)
	Power Consumption	DC 12V / Max. 30W
	Dimensions	332.8(W) x 230.9(H) x 361.9(D)mm
	Weight (Net)	Approx. 4Kg

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