IDC4050IR

Features

- HD IP Mega-pixel TDN Dome Camera
- Built-in Fixed Mega Pixel Lens (f=4.0mm)
- 1/3" Progressive CMOS Sensor
- Max. Full HD(1920x1080)
- TDN(ICR)
- Built-in IR LEDs (18EA) & Sensor 1EA

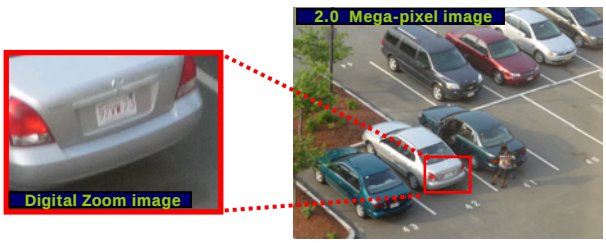
- 2.0 Mega-Pixel Resolution up to 30 Frames/sec
- Ultimate High Resolution 1100TV Lines
- Built-in System State LED

- Dual Stream H.264/MJPEG Resolution
- Support Two-way Audio (ADPCM)
- Ethernet 10/100 Base-T (PoE)

XNET Main Feature

Full HD (2.0 MEGA Pixel) Image

XNET IP products provide real time steaming at 1080P (1920 x 1080) Full HD resolution and 720P even Different HD resolution over IP.
Much bigger resolution image provides several Cropped streaming image by digital zoom.



Progressive Scan and De-interlaced Image Processing Technology

XNET progressive scan type IP cameras provide much higher quality for clear monitoring than interlaced scan type. Hardware type of De-interlaced filter applies for D1 resolution type of IP cameras to provide much clearer image.

Dynamic Dual Stream

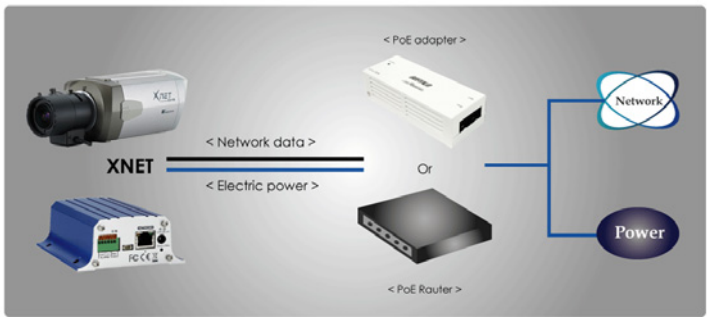
XNET IP products provide triple codec with selectable dual streaming for multi-clients. High quality of H.264(or MPEG4) and MJPEG both video streaming can be provided to the multi clients simultaneously.

Multiple Event Trigger

XNET IP products series includes a physical type alarm & sensor event functions and logical event type to define event setting on screen display or integrate any kind of event action easily on the network environment.

Built-in PoE (Power over Ethernet - Standard IEEE 802.3af)

The built-in PoE feature provides much easier connection and installation with cost saving on network environment also efficient maintenance. XNET IP products are standard IEEE 802.3af supported.



*) Xpeed IP & Waterproof IP using with High PoE (IEEE 802.3at)

XNET Applications

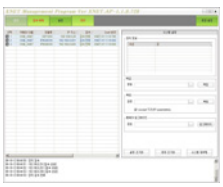
Plug & Easy Play over IP

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

- Simple installation for network and systems setup
- Simultaneous system setup
- Support UPnP, Bonjour for easy installation


Web Viewer


Setup page


IP Installer

CNB CMS software

CNB CMS is compatible with all of CNB digital surveillance video products from HDx DVR series to XNET IP products for flexible and efficient surveillance monitoring environment CCTV system.

Main Features

- Max. 128Channel *)Dual Monitor
- Remote search and Local search
- Remote setup and Local setup
- Motion/Sensor/Alarm Event Trigger
- Support E-Map (Same DVR systems UI)
- Support 1024*768, 1280*1024 resolution and Full Screen
- Bi-directional Audio communication
  *) Two-way Audio / support model
- Support Dual Monitor (E-map, Search etc...)
- Support PC DVR 'V3' series
  Standalone DVR (SDx series, HDx series) XNET IP product

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 environment. Join hands with XNET Alliance Partner Program, you can make a stable and strong IP security environment 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 ver. 2005)

Specifications

IDC4050IR		Specifications
Camera	Signal System	Progressive image processing
	Scanning System	16:9 Progressive
	Pixel Clock	80MHz
	Image Sensor	1/3" Progressive CMOS Sensor
	Sync. System	Internal
	Effective Pixels Number	1920 (H) x 1080 (V) 2.0 Mega
	Horizontal Resolution	1100 TV Lines
	Video Output Level	Select NTSC/PAL 1.0Vp-p (BNC 75Ω, composite)
	Lens	Built-in Fixed Mega Pixel Lens (f=4.0mm, F1.8)
	Day & Night System	ICR (AGC Type)
	IR LED and Sensor	18EA (850nm, 45°) & Sensor 1EA
	Min. Illumination	1 Lux (DSS On), 0.00 Lux (IR LED On)
	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, PAL : 1/6~1/500, (13 Steps)
Video / Audio	Compression	H.264 / MJPEG
	Frame rate	Dual Mode : H.264 (30fps) MJPEG (30fps)
	Resolution	Full HD(1920 x 1080), SXGA(1280 x 1024), 720P(1280x720), D1(720 x 480 / 720 x 576), VGA(640x480), CIF(352 x 240 / 352 x 288)
	Audio	Two-way (full duplex / ADPCM G.726)
Network	Protocol	IPv4, HTTP, TCP, RTSP, RTP, RTCP, UDP, SMTP, FTP, ICMP, DHCP, UPnP, Bonjour, ARP, DNS, DynDNS
	Supported DDNS	1. CNB DDNS 2. DynDNS.org 3. Reference code with SDK
	LAN Interface	Ethernet 10/100 Base-T (RJ-45 Type)
	Support PoE	Standard IEEE 802.3af supported
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)
Applications	Browser	Internet Explorer 6.0 or Higher
	Monitoring Application	XNVR, CNB CMS and Utility (IP-Installer, etc)
Maintenance	System Upgrade	Firmware upgrade over HTTP
Mechanical	Pan/Tilt/Horizontal	3-Axis Movement for Free Lens Rotation
	Dimensions	135.8(Ø) x 102.2(H)mm
	Operating Temperature	0℃ ~ 40℃
	Power	DC 12V Max. 7 W

Dimensions