IGP2035F

Features

- **HD IP Mega-pixel TDN Box Camera**
- **1/3" Progressive CMOS Sensor**
- **Max. 1.3M HD(1280x1024)**
- **TDN(ICR)**
- **Ultimate High Sensitivity at Low light**

- **1.3 Mega-Pixel Resolution up to 30 Frames/sec**
- **High Resolution 800TV Lines**
- **Built-in System State LED/MIC**

- **Dual Stream H.264/MJPEG**
- **Support Two-way Audio (ADPCM)**
- **Support SD/SDHC Card Local Storage for Event**
- **Ethernet 10/100 Base-T (PoE)**
- **24VAC/12VDC Dual Voltage**

XNET Main Feature

Ultimate High Sensitivity at Low light

1.3 Mega-pixels Image

It provides high definition image up to 1.3 Mega pixels
Basically, it supports up to 1280x1024(aspect ratio 4:3)
also cropped 720P 16:9 aspect ratio.
Much bigger resolution image provides several Cropped
streaming image by digital zoom.

Digital Zoom image

1.3 Mega-pixel image

Dynamic Dual Stream

XNET IP products provide triple codec with selectable dual streaming for multi-clients. High quality of
H.264 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
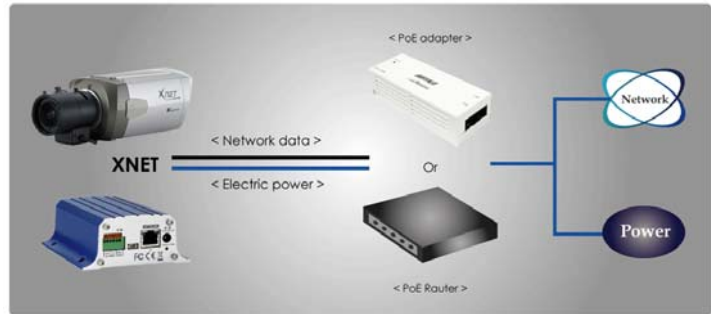environment.

Storage Over IP

To avoid unpredictable network disconnection or lagging, XNET IP products provide local storages from
a primary internal flash memory type to an removable SD card type memory to store JPEG image with
main H.264 and MJPEG streaming via network simultaneously.

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.

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

IGP2035F		Specifications
Camera	Signal System	Progressive image processing
	Scanning System	16:9 Progressive
	Pixel Clock	48MHz
	Image Sensor	1/3" Progressive CMOS Sensor
	Sync. System	Internal
	Effective Pixels Number	1280 (H) x 1024 (V) 1.3 Mega
	Horizontal Resolution	800 TV Lines
	Video Output Level	Select NTSC/PAL 1.0Vp-p (BNC 75Ω, composite)
	Lens Mount	CS Mount
	Day & Night System	ICR (AGC Type)
	Min. Illumination	0.5Lux (Color), 0.1Lux (B/W), 0.05 (B/W, DSS On), F1.2
	Back Light Compensation	On/Off
	Flickerless	On/Off
	White Balance	Auto/Manual
	Exposure	Auto/Manual
	Functions	B/W
	Electronic Shutter Speed	NTSC : 1/2~1/48,000 (21 Step) | PAL : 1/2~1/50,000 (21 Step)
Video / Audio	Compression	H.264 / MJPEG
	Frame rate	Dual Mode : H.264 (30fps) MJPEG (30fps) * Support 720P Mode
	Resolution	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.711)
Network	Protocol	IPv4, HTTP, TCP, RTSP, RTP, RTCP, UDP, SMTP, FTP, ICMP, DHCP, UPnP, Bonjour, ARP, DNS, DynDNS, IPv6, HTTPs, Qos, SNMP
	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
	Local Storage	SD/SDHC card memory : Max.16G
	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	Dimensions	71(W) x 65(H) x 143.9(D) mm
	Operating Temperature	0℃ ~ 40℃
	Power	24VAC/12VDC Dual Voltage, Max. 5W

Dimensions