Full HD IP IR Vandal-Dome Camera
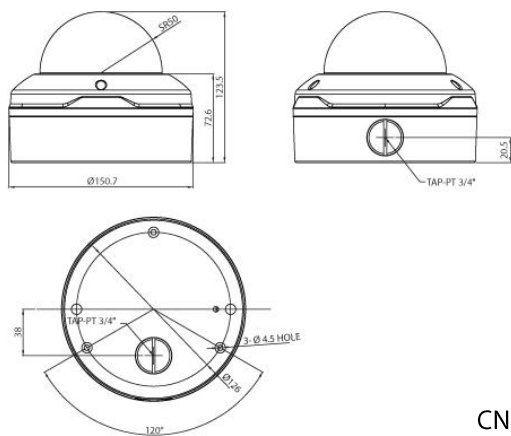# NVE5055VR

CNB TECHNOLOGY Inc.

FEATURES

- Full HD IP Mega-Pixels TDN Dome Camera
- 1/3" Progressive scan CMOS Sensor
- Max. Full HD (1920 x 1080) Real time Video
- TDN(ICR), DSS, WDR
- Built-in Vari-focal Lens (f=3~9mm, F1.2)
- Built-in IR LEDs(18EA)
- 2.0 Mega-Pixel Resolution up to 30 Frames/sec
- Ultimate High Resolution 1100TV Lines
- Dual Stream H.264/MJPEG
- Support Two-way Audio (ADPCM)
- SD/SDHC Card , IP67
- Ethernet 10/100 Base-T (PoE)
- 24VAC/12DC Dual Voltage

DIMENSIONS

SPECIFICATIONS

[CAMERA]	
Image Sensor	1/3" Progressive CMOS Sensor
Scanning System	16:9 Progressive
Sync. System	Internal
Effective Pixels	1920 (H) x 1080 (V) 2 Mega
Horizontal Resolution	1,100TVL
Video Output Level	Select NTSC/PAL 1.0Vp-p (BNC 75Ω, composite)
Lens	Built-in DC Iris Vari-focal Lens (f=3~9mm, F1.2)
Day & Night System	ICR (AGC Type)
IR LED	IR LED 18EA (45°/850nm)
Min. Illumination	0.01Lux (Color, DSS On), 0 Lux (IR LED On)
OSD	Control On/Off over IP (Menu, Time/Date)
Flickerless	On/Off
White Balance	Auto/Manual/Push
Exposure	Auto/Manual
WDR	On/Off
3D-DNR / 2D-DNR	On/Off (20 Step)
Privacy Zone	Select 10 Zone – each area
Functions	BLC, Color, B/W
Electronic Shutter Speed	1/30~1/30,000 (12 Step) / 1/25~1/30,000 (12 Step)
[VIDEO]	
Compression	H.264 / MJPEG
Resolution	Full HD, SXGA, 720P, XGA, D1, VGA, CIF, QVGA
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, NTP, Multicast *) Onvif, IPv6, HTTPS, QoS, SNMP
Supported DDNS	Supported (CNB DDNS)
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 & EVENT]	
Image detection	Motion detection (Select 3 Regions - each area)
Sensor detection	Sensor In, Scheduling, Alarm out
Local Storage	SD/SDHC Card Memory : Max. 32GByte (Class 4 or Higher)
After Event process	JPEG Image upload over FTP server / SMTP (E-mail server)
Pre/Post alarm	Detail time-set : Max. Pre alarm 5sec. / Post alarm 8sec., Storage (SD card : JPEG Image, H.264 Movie file)
[APPLICATIONS]	
Browser	Internet Explorer 6.0 or Higher
Monitoring Application	XNET NVR 2, and Utility (IP-Installer)
[MAINTENANCE]	
System Upgrade	Firmware upgrade over HTTP
[MECHANICAL]	
PoE	Standard IEEE 802.3af supported
Power	12VDC Max. 7.8W / 24VAC Max. 650mA
Dimensions	151(Ø) x 124(H)mm
Operating Temperature	-10℃ ~ 50℃
Weight	1.2kg

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.

2.0 Mega-pixel image

Digital Zoom image

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.

High Quality Progressive 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.
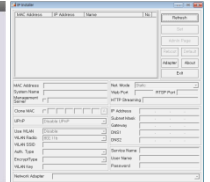- Simple installation for network and systems setup
- Simultaneous system setup
- Support UPnP, Bonjour for easy installation

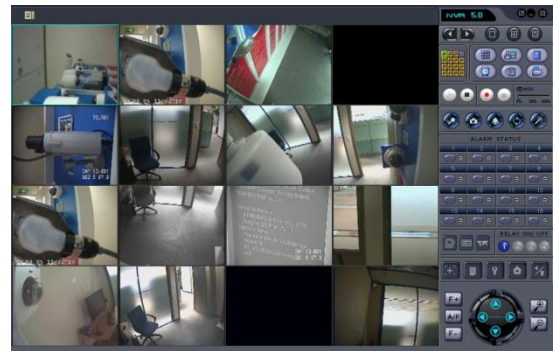**Web Viewer**   **Setup page**   **IP Installer**

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)