

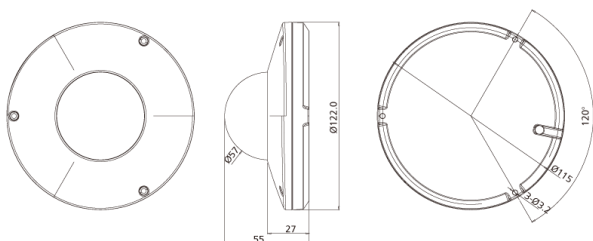
MPCI070PN



FEATURES

- Max. 5MP(2592x1944) up to 10FPS
- Focal Length: 0.98mm (Short axis) 1.12mm (Long axis)
- Built-in Panomorph Lens (ImmerVision360°)
- 1/2.5" Progressive CMOS Sensor
- Super Wide Angle of 182° x 360° FOV
- View Modes;
Single PTZ View, 4 PTZ View in 1 Window,
Perimeter View in One Window(2x180°)
- 5 Simultaneous Multi-Profile Video Streams
- Support SD card
- Analog Video Output(CVBS) & Alarm I/O
- Onvif Profile S and 2.2x, Two-way Audio (ADPCM)
- Ethernet 10/100 Base-T (PoE)

DIMENSIONS



SPECIFICATIONS

[CAMERA]	
Image Sensor	1/2.5" Progressive CMOS Sensor
Scanning System	16:9 Progressive
Sync. System	Internal
Effective Pixels	2,592 (H) x 1,994 (V) 5.0 Mega
Video Output Level	Select NTSC/PAL 1.0Vp-p (BNC 75Ω, composite)
Lens	Built-in Panomorph Lens (ImmerVision 360°), 0.98mm : Short axis / 1.12mm : Long axis
Min. Illumination	0.12 Lux (Color)
White Balance	Auto
[VIDEO]	
Compression	H.264 / MJPEG
Resolution	2,592 x 1,944 @ 10fps
Multi-Profile Streaming	* 5 Simultaneous video profiles / * Select the codec type, resolution and frame rates for each profile
Intelligent Bit-rate Control	Hybrid Bit rate control (VBR+CBR)
PTZ	Digital PTZ & Video Crop
Image setting	Text overlay, Privacy mask, De-interlace filter
Motion detection	3 regions
[AUDIO]	
Mono Upstream	32Kbps G.726 ADPCM (Line-in / Mic-in)
Mono Downstream	128Kbps 16bit Linear PCM, Line-out(1.0Vp-p)
[NETWORK]	
Protocol	IPv4/v6, TCP, UDP, IGMP, ICMP, ICMPv6, ARP, RARP, PPPoE, RTP, RTSP, SDP, HTTP, HTTPS, SMTP, FTP, DHCP, UPnP, NTP, DNS, DynDNS, Socks
Supported DDNS	Supported (CNB DDNS)
Security	User ID & Password protection, IP address filtering, HTTPS encryption, Digest Authentication, User Access Log
[EXTERNAL TERMINALS]	
LAN	10/100 Base-T LAN (auto MDIX)
Analog Output	1 Channel D1 CVBS Output of the encoding video
Alarm	Alarm I/O (1 Sensor input & 1 Relay output)
Other	Mic, Line in / Line Out / 12VDC
[SYSTEM INTEGRATION]	
Intelligent Video	Motion Detection
Alarm Triggers	Sensor Input
Alarm Events	Video file upload(FTP), Still image(Email), PTZ preset, Relay output
Video Buffer	Pre & Post alarm
[APPLICATIONS]	
Browser	Internet Explorer 8 or Higher
Monitoring Application	XNET NVR 2, and Utility (IP-Installer)
[MAINTENANCE]	
System Upgrade	Firmware upgrade over HTTP
[MECHANICAL]	
Standard PoE	Standard IEEE 802.3af supported
Power	DC 12V Max. 1A
Dimensions	122(W) x 55(H) mm
Operating Temperature	-10°C ~ 50°C
Weight	Approx. 400g

XNET Main Feature



Full HD (5.0 MEGA Pixel) Image

CNB HD IP product support real time streaming by various Mega pixels resolutions over IP. All of CNB IP camera series image sensor processing units have been designed by CNB proprietary type to provide superb image quality.



Various Panoramic Viewing Mode available on NVR-Pro

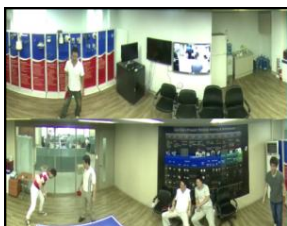
Selection of installation location : Ceiling, Wall, Ground.

For each selection 3 different viewing types, Perimeter, PTZ, and Quad are available.

Single MPC1070N with NVR-Pro* & Exacq Vision could replace 4 PTZ cameras and 5 Fixed cameras.



Original: 360° Surround View
(Entire View)



180° Panoramic View
(Wall to Wall)
(2 x 180° Views with Panning Control for Ceiling Mount)



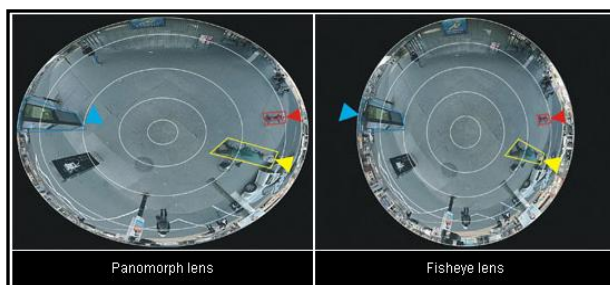
e-PTZ: Pan/Tilt/Zoom Control
(Move to the Region of interest)



Quad with 4 Viewing Screens
(Same with 4 independent PTZ Camera)

The Power of Panoramic View with “Panomorph Lens”

Elliptic imaging region of panomorph lens provides 33% more pixels than conventional fisheye lens in the overall. As shown in the table, more Number of effective pixels especially for perimeter area results superb image quality which is not possible with fisheye lens.



Number of effective pixels in Imaging for 5M Pixel Sensor		
	Panomorph Lens	Fisheye Lens
Overall	3.925 Mpixels (+33%)	2.944 MPixels
Blue area	107500 Pixels(+35%)	79600 Pixels
Red area	17500 Pixels(+119%)	7988 Pixels
Yellow area	72485 Pixels(+101%)	35923 Pixels