

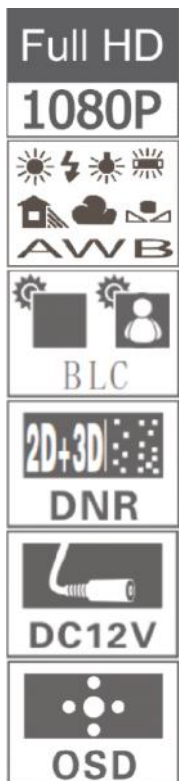
2MP CMOS HD Array IR Network Camera

Model: PN120A-IRW



Features

- 1/3" 3Megapixel progressive scan Exmor CMOS
- H.264 & MJPEG dual-stream encoding
- 25/30fps@1080P(1920×1080)
- DWDR, Day/Night(ICR), 2DNR, Auto iris, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS & Mobile viewer
- Built-in 2/1 alarm in/out
- 2Pcs Third Generation IR Array (70 Meters IR Distance)
- Micro SD memory, PoE (optional)
- Weather Proof IP66



Specification:

General	
Processor	Hi Silicon Series DSP
Operating System	Embedded LINUX
Resource	Simultaneous remote monitoring, local recording and remote control
User Interface	WEB, CMS, Mobile viewer & NVR
GUI	Unified PVR frontend (HTPC client GUI with EPG) and Add-ons API for PVR backend
Camera	
Image Sensor	1/3" 3Megapixel Exmor CMOS
Effective Pixels	1920(H)x1080(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3~1/10000s Auto/Manual, 1/4~1/10000s
Min. Illumination	Color: 0. 2LUX/F1.2, B/W: 0.01LUX/F1.2
S/N Ratio	≥50dB
Video Output	1 channel, BNC(1.0Vp-p, 75Ω)
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto
Gain Control	Auto/Manual
Noise Reduction	2D – 3D
Privacy Masking	Multiple areas
Motion Detection	Multiple areas
Lens	6, 8, 12mm fixed
Max Aperture	F1.4
Focus Control	Manual
Angle of View	H: 79.3°(Wide)~29.8°(Tele)
IR-cut filter	Available
Lens Type	Manual / Auto Iris (DC)
Mount Type	Board-in Type Megapixel
Video	
Video Compression	H.264/MJPEG
Image Resolution	2.0M(1920×1080) / 1.3M(1280×960) / 720P(1280×720) / D1(704×576/704×480)
Encoding Speed	5M (1~7fps), 3M(1~15fps), 2M (1~30fps)
Bit Rate	32Kbps~16Mbps, Supports CBR/VBR
Snapshot	Fastest 1fps JPEG capture
Video Format	PAL, NTSC
Audio	
Compression	G.711a / G.711u(64kbps) / PCM(128kbps)
Interface	1/1 channel In/Out
Network	
Ethernet	RJ-45 (10/100Base-T)
Network Functions	HTTP, TCP/IP, IPv4/IPv6, ARP, IGMP, ICMP, RTSP, RTP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, UPNP, NTP, Bonjour, SNMP, ONVIF ver 2.0
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information, Maintenance & Upgrade
Max. User Access	10 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	SD, Max 32GB (optional)
RS485	1
Alarm	2/1 channel In/Out
Environmental	
Max. IR Distance	70M
Power Supply	DC12V
Ingress Protection	IP66, 4000V thunder, surge and wave protection
Power Consumption	Max. 10W
Operating Environment	-10°C~+50°C, 10%~90%
Dimension	159.3(L)*98.8(W)*78.2(H)
Weight	0.6Kg

Note: Design & Specification are subject to change without prior notice.

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