Videoline
Extreme Surveillance

2MP CMOS HD Array IR Network Camera

Model: PN220B-IRD

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(DSS/PSS) & DMSS
- Built-in 2/1 alarm in/out
- 2Pcs Third Generation IR Array (70 Meters IR Distance)
- IP66, PoE

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Specification:

General	
Processor	TI DIS Series DSP
Operating System	Embedded LINUX
Resource	Simultaneous remote monitoring, local recording and remote control
User Interface	WEB BROWSER, CMS, MOBILE, NVR
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
Privacy Masking	Up to 4 areas
Lens	6, 8,12mm fixed
Max Aperture	F1.4
Focus Control	Manual
Angle of View	H: 79.3°(Wide)~29.8°(Tele)
Lens Type	Manual / Auto Iris (DC) 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	H.264: 16K ~ 4M CBR/VBR adjustable
Snapshot	Fastest 1fps JPEG capture
Video Format	PAL, NTSC
Audio	
Compression	G.726
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	1/1 channel In/Out
Environmental	
Max. IR Distance	70M
Power Supply	DC12V, PoE(802.3af)
Ingress Protection	IP65, 4000V thunder, surge and wave protection
Power Consumption	Max. 10W
Operating Environment	-10°C~+50°C, 10%~90%
Dimension	112mm × 91.5mm x 130mm (W/H/L)
Weight	570g

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

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