

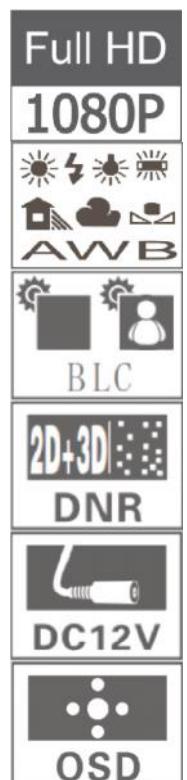
IR Speed Dome Network Camera

Model: PX83020-SDI



Features:

- H.264 & MJPEG dual-stream encoding and JPEG image capture
- 60fps@720P / 30fps@1080P resolution
- 30x Optical and 16x Digital Zoom Range
- DWDR, Day/Night (ICR), DNR (2D&3D), Auto iris, Auto focus, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS & Mobile viewer
- Max 240°/s pan speed, 360° continuous pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 7/2 alarm in/out
- Support intelligent 3D positioning
- Micro SD memory, (optional)
- IR LEDs up to 150m, IP66
- Auto Track Function (optional)



Specification:

Operational	
Video Standard	NTSC / PAL
Scanning System	Interlacing
Image Sensor	1/3" Exmor CMOS
Effective Pixels	1944 x 1092 (2 Megapixels)
Illumination	0 Lux, operates in total darkness
Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF (352×288/352×240)
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC
Lens	4.3mm~129mm
Maximum Zoom	30 x Optical – 16x Digital
Sync System	12 VDC: Internal
S/N Ratio	More than 50 dB (AGC off)
Electronic Shutter	1/1 ~ 1/30,000s
Gain Control	Automatic / Manual
White Balance	Automatic / Manual
BLC	Automatic / HLC
IR LED	6 pcs. Ultra Light IR LED
IR Distance	Upto 150 M
DNR	Ultra (2D/3D)
WDR	DWDR
PTZ	
Presets	255(Pelco-P/D)
Pan & Tilt	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°
Pan Speed	0.1° ~ 160°/s
Tilt Speed	0.1° ~ 120°/s
Auto Track Feature	Optional
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Speed Setup	Human-oriented focal length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period
Time Task	Auto activation of Preset/ Pan/ Scan/ Tour/ Pattern by preset-time
Protocol	Pelco-P/D (Auto recognition)
Video	
Compression	H.264 / MJPEG
Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) / CIF (352×288/352×240)
Record Speed	1080P (1 ~ 25/30fps) / 720P(1~50/60fps) (main stream) D1/CIF(1 ~ 25/30fps) (sub stream)
Bit Rate	56K ~ 8192Kbps
Audio	
Compression	G.711a(32Kbps) / AMR(10.2Kbps)
Interface	1/1 channel In/Out

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

Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour
ONVIF	ONVIF Ver. 2.0 conformance
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Auxiliary Interface	
Memory Slot	Micro SD, Max 64GB (optional)
RS485	1
Alarm	7/2 channel In/Out
Mechanical	
Dimensions	252(mm) x 384.3 (mm)
Weight	6.75 kg
Construction	Alloy shell, 4KV thunder protect, surge protect
Mounting Plate	Connection to 4S junction box
Connector	Video Output: BNC Connector, Power Input: Tinned Leads, RJ45
Intelligent Function (optional)	
Auto Tracking	Single-scene, multiple-scene, panorama-scene
Intelligent Video Surveillance (IVS)	Tripwire, Intrusion, Cross Warning Zone, Perimeter Protection, Loitering Detection, Abandoned Object Detection, Missing Object Detection, Illegal Parking, Fast Moving and etc.
Tracking Trigger Mode	Manual / Auto (alarm triggered)
Tracking Trigger Event	Targeting, Zoom, Tracking, Recording, Snapshot, Alarm and etc.
Environmental	
Temperature	Operating: -40 C to 70 C Storage: -50 C to 70 C
Relative Humidity Rating	0% to 85%, non-condensing IP66
Regulatory	
Emissions	FCC: Part 15, Class B, CE: EN 55013
Immunity	CE: EN50130-4
Safety	EU: 73/23/EEC LVD
Electrical	
Input Voltage	AC24V/3A, DC12V optional
Input Range	(±10%)
Surge Suppression	1.5 KW Transient
Power Consumption	13W, 31W (IR on)
Package Inclusions	
Speed Dome	
Wall Mount Bracket (Ceiling Mount Optional)	
Power Supply Unit	