

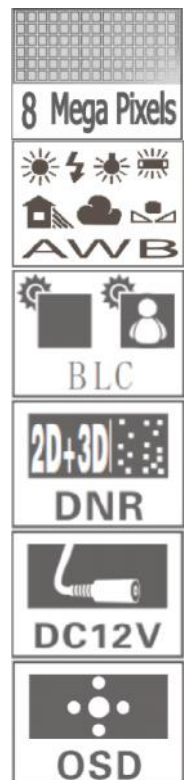
## 8MP IR Vandal proof Dome Network Camera

**Model: PX280Z-IRD**



### Features:

- 1/2.5" 8MP Hi3516D OV4689 CMOS sensor
- H.265+, H.265, H.264 & MJPEG Multi-stream encoding
- Max 3840\*2160 @1-20fps, 3072\*1728 @1-25(30)fps
- WDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS & Mobile
- 60 Meters IR Distance
- 2.8—12mm, 4X auto-zoom
- Weather Resistance IP67,



## Specification:

<b>Operational</b>	
Image Sensor	1/2.5" 8Megapixel Hi3516D; OV4689 CMOS sensor
Effective Pixels	3840 (H) x 2160 (V) (max)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR
S/N Ratio	>50dB
Video Output	1 channel, BNC(1.0Vp-p, 75 Ω)
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR 120db
White Balance	Auto
Gain Control	Auto/Manual
Digital Noise reduction	2D – 3D
Privacy Masking	Up to 4 areas
IR Length	60 meter
Focal Lens	2.8—12mm, 4X motorize auto-zoom
Max Aperture	F1.4
Focus Control	Auto
Angle of View	H: 100°(Wide)~20°(Tele)
Lens Type	Motorize 14
<b>Video</b>	
Compression	H.265/H.265+ Main Profile, H.264; Baseline/Main Profile/High Profile
Resolution	Main Stream: 50Hz: 20 fps (3840×2160), 25 fps (3072×1728, 2560×1440, 1920×1080, 1280×720) Sub Stream: 25fps (640×480, 640×360, 320×240)
Bit Rate	32Kbps-16Mbps adjustable, support CBR/VBR, Low latency
<b>Audio</b>	
Compression	G.711a(32Kbps) / AMR(10.2Kbps)
Interface	1/1 channel In/Out
<b>Network</b>	
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, NAS, IP Filter, QoS, Bonjour
ONVIF	ONVIF profile 5,G conformance
POE	Optional
Max. User Access	10 users
Smart Phone	iPhone, iPad, Android, Windows Phone
<b>Auxiliary Interface</b>	
Memory Slot	Micro SD, Max 128GB, SD/SDHC/SDXC card (128GB), local storage and NAS (NFS, SMB / CIFS), ANR
RS485	1
Alarm	1/1 channel In/Out
<b>Intelligent Function (optional)</b>	
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, Face Detection, Illegal Parking, Fast Moving, Intrusion Detection, Line Crossing Detection, ROI, Behavior Analysis and etc.
Tracking Trigger Mode	Manual / Auto (alarm triggered)
Tracking Trigger Event	Targeting, Zoom, Tracking, Recording, Snapshot, Alarm and etc.
<b>Mechanical</b>	
Dimensions	158(W) x 117(H)
Weight	1.25kg
Construction	Alloy shell, 3KV thunder protect, surge protect
<b>Environmental</b>	
Temperature	Operating: -25 C to 50 C Storage: -35 C to 60 C
Relative Humidity Rating	0% to 85%, non-condensing IP67
<b>Regulatory</b>	
Emissions	FCC: Part 15, Class B, CE: EN 55013
Immunity	CE: EN50130-4
Safety	EU: 73/23/EEC LVD
<b>Electrical</b>	
Input Voltage	DC12V, PoE (802.3at, 42.5V to 57V), 0.5A to 0.1A, max. 19W
Input Range	(±10%)
Surge Suppression	1.5 KW Transient
Power Consumption	5W max

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