

# iPoint IP Cameras



## 8MP VF IR Bullet

- 1/2.8" Ultra Low-illumination Progressive Scan CMOS
- 4K HD resolution
- Embedded Web Server, support Internet Explore monitoring, configuration, upgrade
- Support the P2P on Android, IOS
- Support ONVIF 2.6
- H.265/H.264 main profile encoding, two simultaneous video streams



ONVIF

### NVJ678F-Z4X

Video	
System	1/2.8" 8.0MP CMOS Sony IMX415 Sensor
Sensor	1/2.5" Progressive Scan CMOS
Electronic Shutter	1/25s~1/10000s
Minimum Illumination	0.001Lux@F1.2
Noise-Signal Ratio	≥50dB (AGC OFF)
D/N Conversion Mode	Light detection/Video detection/Time detection
WDR	≥80dB
3D DNR	Support
Lens	2.8-12mm auto lens
View Angle	2.8-12mm auto lens (8MP F1.5 1/2.5" H 88.8°-37.8°)
IR Distance	70-80m (4pcs F5 IR LED's)
Compression Standard	
Video Processing	H.265/H.264/MJPEG
H.265 Coding Type	Main Profile
Video Rate	32 Kbps~16Mbps
Audio Compression	G.711a/ G.711u/G.726

Picture	
Image Setting	Adjustable brightness, contrast, saturation, sharpness, white balance. AWB (automatic), AGC (automatic), AE (exposure control). Support for privacy area occlusion. OSD stack, Image rotation: normal 90 ° / 270° automatic, manual or automatic color
Max Image Size	3840 × 2160
Video Output	Main streaming: 3840×2160, 2592×1944, 2548×1536
	Sub streaming: 720P (1280×720), D1(704×576), VGA (640×480)
Frame rate	50Hz: 25fps (3840×2160, 2592×1944, 2548×1536, 1920×1080, 1280×720)
	60Hz: 30fps (3840×2160,2592×1944,2548×1536,1920×1080,1280×720)
Smart Function	
Smart coding	Support low bit rate, low delay ROI, Enhancement coding, Support for 4 ROI regions of interest
Smart sense	Support for occlusion detection, defocus detection, luminance detection, color detection, sound detection, legacy detection, shift detection Motion detection, virtual cordon, area intrusion
Smart control	Intelligent control alarm on, alarm off, fault clearing, intelligent noise reduction
Network Function	
Network Interface	IPv4/IPv6, 802.1, HTTPS, HTTP, TCP/IP, UDP, RTP, RTCP, UPNP, RTSP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP
Access Protocol	Standard ONVIF/GB T28181 Protocol, GBT28181
	Support up to 8 users can be logged in at the same time
	Support Android\iPhone\iPad
Normal	
Material	Metal Case, White
Explosive-Proof Grade	IK10
Weather Proof	IP66 Waterproof, Weather Resistance
Power Supply	DC12V/POE (24W)
Power	3W (MAX)
Operation Temperature	-20°C~+60°C,10%~90%RH



All Metal Waterproof Level IP66, IK10