

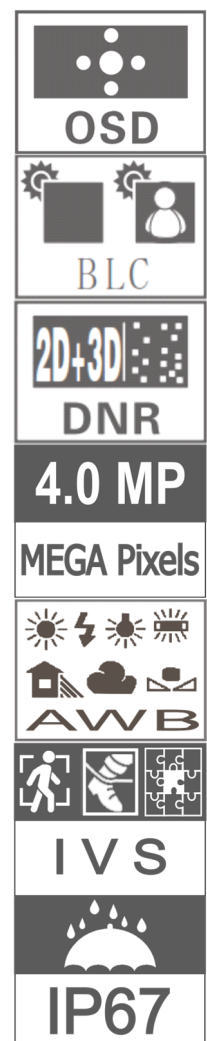
4MP IR Vari-focal Face Detection Network Camera

Model: PX140F-IRW



Features:

- 1/1.8" 4Megapixel progressive scan CMOS
- ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments
- 25/30 fps@2688 × 1520, 50/60 fps@1080P (1920 × 1080)
- WDR (140 dB), Day/Night (ICR), 3D DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS & Mobile viewer
- 2.7 mm–12.0 mm motorized lens
- 1/1 Alarm in/out, 1/1 audio in/out
- Max. IR LEDs Length 40 m
- Micro SD memory, IP67, IK10
- SMD Plus



Specification:

Camera	
Image Sensor	1/1.8" CMOS
Effective Pixels	2688 (H) × 1520 (V)
RAM/ROM	1 GB/128 MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3 s–1/100000 s
S/N Ratio	> 56 dB
Minimum Illumination	0.003 lux@F1.8 (Color, 30 IRE), 0.0003 lux@F1.8 (B/W, 30 IRE), 0 lux (Illuminator on)
Illumination Distance	Distance up to 40 m (131 ft)
Illuminator On/Off Control	Auto/Manual
Illuminator Number	3 (IR LED)
Lens	
Lens Type	Motorized vari-focal
Mount Type	Board-in
Focal Length	2.7 mm–12.0 mm
Max. Aperture	F1.8
Angle of View	H: 114°–47°, V: 62°–26°
Aperture Type	Auto
Close Focus Distance	1.2 m (3.94 ft)
Pan/Tilt/Rotation	
Pan/Tilt/Rotation Range	Pan: 0°–355°; Tilt: 0°–65°; Rotation: 0°–355°
Video	
Compression	H.265, H.264, H.264B, H.264H, MJPEG (only supported by sub stream)
Smart Codec	Smart H.265+ / Smart H.264+
Streaming Capability	3 Streams
Resolution	2688 × 1520/2560 × 1440/2304 × 1296/1080P (1920 × 1080)/1.3M (1280 × 960)/720P (1280 × 720)/D1 (704 × 576/704 × 480)/VGA (640 × 480)/CIF (352 × 288/352 × 240)
Frame Rate	Main Stream: 2688 × 1520 (1 fps–25/30 fps), 2560 × 1440 (1 fps–25/30 fps), 1920 × 1080 (1 fps–50/60 fps), Sub Stream: D1 (1 fps–25/30 fps), D1 (1 fps–50/60 fps),
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 32 Kbps–8192 Kbps, H.265: 19 Kbps–8192 Kbps
Day/Night	Auto (ICR)/Color/B/W
BLC Mode	BLC/HLC/WDR (140 dB)
Scene Self-adaptation (SSA)	Yes
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest	Yes (4 areas)
Electronic Image Stabilization (EIS)	Yes
Smart Illumination	Yes
Defog	Yes
Flip	0°/90°/180°/270°
Mirror	Yes
Privacy Masking	8 areas
Audio	
Audio Compression	G.711a, G.711Mu, G.726, G.723
Network	
Network	RJ-45 (10/100 Base-T)
SDK and API	Yes
Cyber Security	Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; trusted execution; trusted upgrade
Protocol	IPv4; IPv6; HTTP/TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; SNMP; Bonjour
Interoperability	ONVIF (Profile S/Profile G/Profile T), CGI, Milestone, Genetec, P2P
User/Host	20 Users



Storage	NAS; FTP; SFTP; Micro SD card 256 GB
Browser	IE (versions newer than IE8), Chrome, Firefox, Safari (versions newer than Safari 12)
Management Software	Compatible with Smart PSS, DSS, DMSS
Mobile Phone	iOS, Android
Certifications	
Certifications	CE-LVD: EN62368-1
	CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU
	FCC: 47 CFR FCC Part 15, Subpart B
	UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07
Environmental	
Operating Conditions	-30° C to +60° C (-22° F to +140° F)/Less than 95% RH
Storage Conditions	-40° C to +60° C (-40° F to +140° F)
Protection Grade	IP67, IK10

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

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