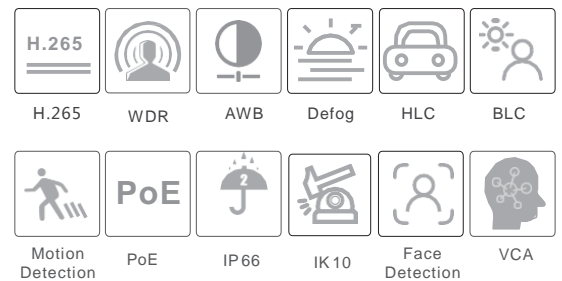# NGC-7281F

8MP Network IR Water-Proof Dome Camera

- 8MP (3840 × 2160) H.265 full real time coding
- Max.resolution: 3840 × 2160; ICR auto switch, true day / night
- 10 ~ 20m IR night view distance
- 3D DNR, true WDR, HLC, BLC, Smart IR and ROI coding
- One CVBS output; One MIC IN; Hardware reset
- Built-in micro SD card slot, up to 128GB
- DC12V/PoE power supply
- Support smart phone, iPad, remote monitoring
- IP66&IK10 ingress protection; Support three streams
- P2P function optional
- Support face detection
- Smart analytics (optional): object removal detection, abnormal video signal detection, line crossing detection, region intrusion detection, people intrusion detection, people counting detection, and crowd density detection

| H.265 | WDR | AWB | Defog | HLC | BLC |
| Motion Detection | PoE | IP 66 | IK 10 | Face Detection | VCA |

RoHS CE FC PoE Onvif

SPECIFICATIONS

Model Specifications	NGC-7281F
Camera	
Image Sensor	1 / 2.5 "CMOS
Image Size	3840×2160
Electronic Shutter	1 / 25 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.024 lux @F1.2, AGC ON; 0 lux with IR 0.068 lux @ F2.0, AGC ON; 0 lux with IR
Lens	3.6 mm @F1.6, horizontal field of view: 87.7° 2.8mm optional
Lens Mount	M12
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~355°; Tilt:0°~67°; Rotation: 0°~355°
Image	
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile
Resolution	8MP (3840 × 2160), 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240
Main Stream	60Hz：8MP/ 2K/3MP/ 1080P/720P(1~30fps) 50Hz：8MP/ 2K/3MP/ 1080P/ 720P (1~25fps)
Sub Stream	60Hz : 1080P(1~5fps)/ 720P(1~10fps)/D1(1~30fps); 50HZ: 1080P(1~25fps)/720P(1~25fps)/D1(1~25fps)
Third Stream	60Hz : 720P/D1/CIF/480 × 240 (1~30fps); 50HZ: 720P/D1/CIF/480× 240 (1~25fps)
Smart IR	Yes
Bit Rate	128 Kbps ~ 12 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast,Wide Dynamic, Sharpen, NR,etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
Interfaces	
Network	RJ45
Video Output	CVBS output (BNC × 1)
Audio	MIC IN × 1
Storage	Built-in micro SD card slot, up to128GB
Hardware Reset	Yes
Functions	
Remote Monitoring	Web browsing,CMS remote control
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1x, UPnP, HTTP, HTTPs, QoS
Interface Protocol	ONVIF, GB-T/28181-2011
Storage	Network remote storage; micro SD cardstorage
Smart Alarm	Motion detection, SD card error, SD card full
Face Detection	Yes
Intelligent Analytics	Object removal detection, regional intrusion detection, abnormal video detection, line crossing detection, people intrusion, people counting, crowd density detection (optional)
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection
PoE	Yes

IR Distance	10 ~ 20 m
Ingress Protection	IP66&IK10
Others	
Power Supply	DC12V/PoE
Power Consumption	< 6W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F) Humidity: less than 95 %(non-condensing)
Dimensions (mm)	Φ 116.7 × 90
Weight (net)	Approx. 0.6KG
Installation	Ceiling mounting; Wall mounting

DIMENSIONS