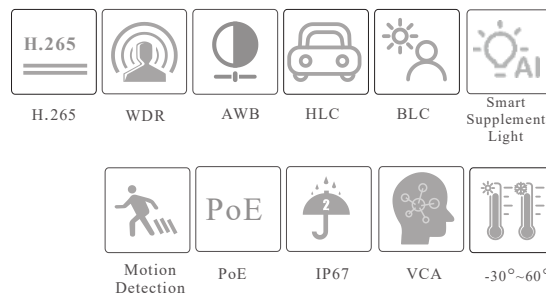


NGC-7280F2.8-ID/B

8MP Dual Illumination Water-proof
Turret Network Camera



- H.265+ /H.265 /H.264+ /H.264/MJPEG coding
- Max. resolution:8MP (3840 × 2160)
- 3D DNR, HWDR, HLC, BLC, etc.
- ROI coding
- Support smart supplement light
- 20~30m white light view distance; 20~30m IR view distance
- DC12V/PoE power supply
- IP 67 ingress protection
- Support dual streams
- Support remote monitoring by smart phones& tablet PCs with iOS and Android OS
- Support NAT function
- Support SMD
- Support line crossing detection, region intrusion detection
- Dual system backup



NGC-7280F2.8-ID/B

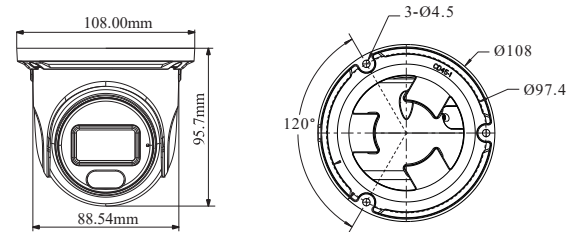
8MP Dual Illumination Turret Network Camera

SPECIFICATIONS

Specifications	Model	NGC-7280F2.8-ID/B
Camera		
Image Sensor	1 / 2.7"CMOS	
Image Size	3840×2160	
Electronic Shutter	1/3s ~ 1 / 100000s	
Iris Type	Fixed Iris	
Min. Illumination	0.01 lux @F1.6, AGC ON; 0 lux with illumination on	
Lens	2.8mm@F1.6, Horizontal FoV: 106.5°; Vertical FoV:58.5°;Diagonal FoV:124° 3.6mm@F1.6, Horizontal FoV:85.5°; Vertical FoV:47.5°;Diagonal FoV:98.5°	
Focus	Fixed	
Lens Mount	M12	
Wide Dynamic Range	120dB	
BLC	Yes	
HLC	Yes	
Digital NR	Yes	
Defog	No	
S/N Ratio	≥ 50dB	
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°;Rotation: 0°~360°	
Image		
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG	
H.265 Compression Standard	Main Profile@Leve4.1 High Tier	
Resolution	8MP(3840×2160), 6MP(3200×1800), 4MP(2688×1520), 2K(2560×1440), 1080P (1920×1080), 720P(1280×720), D1, VGA (640×480), 640×360, 480×240, CIF	
Main Stream	8MP/6MP/4MP/2K/1080P (60Hz: 1~20fps; 50Hz: 1~20fps)	
Sub Stream	720P/D1/VGA/640× 360 /480× 240/CIF (60Hz: 1~20fps; 50Hz: 1~20fps)	
Bit Rate	64Kbps ~ 10 Mbps	
Bit Rate Type	VBR / CBR	
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser	
Audio Compression	G711A/U	
ROI	8 regions; each ROI to be configured separately	
Interfaces		
Network	RJ 45 (10/100 Base-T)	
Video Output	No	
Audio	1CH audio input; 1CH built-in MIC	
Storage	Built-in micro SD card slot, up to 256GB	
Reset	Yes	
Functions		
Remote Monitoring	Web browser /NVR/NVMS/Mobile APP	
Web Browser	Chrome 105.0+/Edge 105.0+/Firefox 121.0+/Safari 14.0+	
Online Connection	Support simultaneous monitoring for up to 6 users; Support multi-stream real time transmission	
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, DDNS, 802.1x, NAT, HTTP, QoS, HTTP POST/GET	
Interface Protocol	ONVIF	
API&SDK	Yes	
Storage	Network remote storage; micro SD card storage	
Alarm	Motion detection, SD card error, SD card full, IP address conflict, network disconnection, white light alarm triggered by smart events	
Motion Detection	Support smart motion detection; filtering motion alarm triggered by other target types except humans/motor vehicles.	
Smart Event	Region intrusion/line crossing detection (human/motor vehicle/non-motor vehicle classification)	
General Function	Watermark, IP address filtering, video mask, heartbeat, ANR, smart supplement light, disarming, cloud upgrade	
PoE	Yes (IEEE802.3af)	
Supplement Light Range	IR range: 20 ~ 30 m; white light range:20 ~ 30 m	
Ingress Protection	IP67	

Security	Video encryption, firmware encryption, configuration encryption, illegal loginlock,IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP/API			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	77m(253ft)	31m(101ft)	15m(51ft)	8m(25ft)
3.6mm	98m(322ft)	39m(129ft)	20m(64ft)	10m(32ft)
Others				
Power Supply	DC12V/PoE			
Power Consumption	DC12V: max. 5.2W; PoE: max. 6.8W			
Storage Conditions	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)			
Operating Conditions	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)			
Dimensions (mm)	Ø108 ×95.7			
Weight (net)	Approx. 0.47KG			
Material	Aluminum alloy body			
Installation	Ceiling mounting; wall mounting			
Certificate	CE, FCC			
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU), and REACH(EC1907/2006)			

DIMENSIONS



AVAILABLE ACCESSORIES



NAV-DJD



NAV-SD



NAV-DJD +
NAV-BPD + NAV-SAS



NAV-DJD +
NAV-BPD + NAV-SAC



NAV-DJD +
NAV-BTD