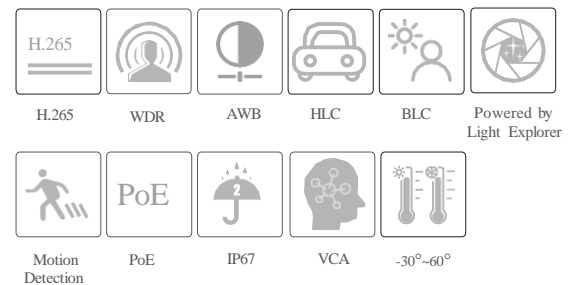


# NGC-7321F2.8

## 2MP IR Starlight Bullet Network Camera



- H.265+ /H.265 /H.264+/H.264/MJPEG coding
- Max.resolution: 2MP ( 1920 × 1080)
- ICR auto switch, true day / night vision
- Starlight
- 3D DNR, WDR, HLC, BLC, smart IR, etc.
- ROI coding
- 20~30m IR night view distance
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP 67 ingress protection
- Support three streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Support P2P function
- Intelligent analytics



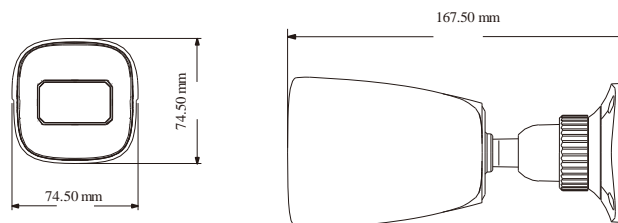
# NGC-7321F2.8

## SPECIFICATIONS

Specifications	Model	NGC-7321F2.8
<b>Camera</b>		
Image Sensor		1 / 2.8 "CMOS
Image Size		1920×1080
Electronic Shutter		1/1s ~ 1 / 100000s
Iris Type		Fixed Iris
Min. Illumination		0.005lux @F1.6, AGC ON; 0 lux with IR
Lens		2.8mm@F1.6, Horizontal FoV: 106°;Vertical FoV:55°;Diagonal FoV:128.2° 3.6mm@F1.6, Horizontal FoV:86.7°;Vertical FoV:46°;Diagonal FoV:101.6°
Focus		Fixed
Lens Mount		M12
Day&Night		ICR
Wide Dynamic Range		120dB
BLC		Yes
HLC		Yes
Digital NR		Yes
S/N ratio		≥5.0dB
Angle Adjustment		Pan: 0°~360°; Tilt:0°~80°;Rotation: 0°~360°
<b>Image</b>		
Video Compression		Main stream: H.265+ / H.265 / H.264+ / H.264 Sub/third stream: H.265+ / H.265 / H.264+ / H.264/ MJPEG
H.265 Compression Standard		Main Profile@Leve4.1 High Tier
Resolution		1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, 640× 480, 480× 240, CIF
Main Stream		60Hz: 1080P/720P(1~30fps); 50Hz: 1080P/720P(1~25fps)
Sub Stream		60Hz: D1/640× 480/CIF (1~30fps);50Hz: D1/640× 480/CIF (1~25fps)
Third Stream		60Hz: D1/480× 240/CIF (1~30fps);50Hz: D1/480× 240/CIF(1~25fps)
Bit Rate		128Kbps ~ 6 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		Each ROI to be configured separately
<b>Interfaces</b>		
Network		RJ 45 10M/100M self-adaptive Ethernet port
Video Output		No
Audio		1CH audio input; 1CH built-in MIC
Storage		Built-in micro SD card slot, up to 256GB
Reset		Yes
<b>Functions</b>		
Remote Monitoring		Web browser /Navaio NVR/NVMS2.X/Mobile APP
Web Browser		IE11(plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
Online Connection		Support simultaneous monitoring for up to 4 users; Support multi-stream real time transmission
Network Protocol		UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, RTMP, HTTP, HTTPS, P2P, QoS
Interface Protocol		ONVIF
Storage		Network remote storage; micro SD card storage
Smart Alarm		Motion detection, SD card error, SD card full, IP address conflict, Cable disconnection
Smart Event		Video Exception (scene change, video blur and abnormal color detection), region intrusion detection, line crossing detection, abandoned/missing object detection
General Function		Watermark, video mask, heartbeat, corridor pattern, ANR
Security		Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP
PoE		Yes
IR Distance		20 ~ 30 m
Ingress Protection		IP67

DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	41.49m(135.13ft)	16.60m(54.46ft)	8.30m(27.23ft)	4.15m(13.61ft)
3.6mm	50.64m(166.14ft)	20.26m(66.46ft)	10.13m(33.23ft)	5.06m(16.60ft)
<b>Others</b>				
Power Supply	DC12V/PoE			
Power Consumption	< 6W			
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F);Humidity: less than 95 % (non-condensing)			
Storage Environment	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)			
Dimensions ( mm )	167.5 × 74.5 × 74.5			
Weight ( net )	Approx. 0.38KG			
Installation	Ceiling mounting; Wall mounting			
Certificate	CE, FCC			
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)			

## DIMENSIONS



## AVAILABLE ACCESSORIES

