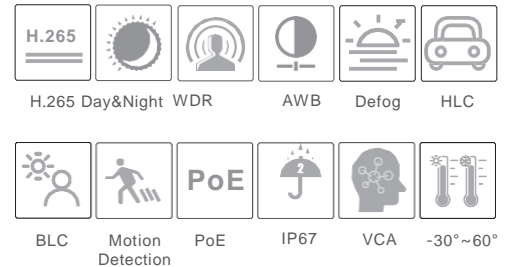


# NGC-7221FM

## 2MP Network IR Water-Proof Dome Camera



- 2MP ( 1920 × 1080 ) H.265 full real time coding
- Max. resolution: 1920 × 1080; ICR auto switch, true day / night
- 20 ~ 30m IR night view distance
- 3D DNR, true WDR, HLC, BLC, Smart IR and ROI coding
- One CVBS output; One MIC IN and one built-in MIC
- Hardware reset
- Built-in micro SD card slot, up to 128GB
- DC12V/PoE power supply
- Support smart phone, iPad, remote monitoring
- IP67 ingress protection; Support three streams
- P2P function optional
- Smart analytics (optional): abnormal video signal detection, line crossing detection and region intrusion detection



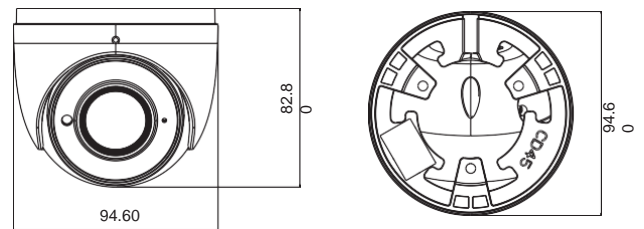
# NGC-7221FM

## SPECIFICATIONS

Specifications	Model	NGC-7221FM
<b>Camera</b>		
Image Sensor		1 / 2.7 "CMOS
Image Size		1920 × 1080
Electronic Shutter		1 / 25 s ~ 1 / 100000 s
Iris Type		Fixed Iris
Min. Illumination		0.022 lux@F1.8,AGC ON; 0 lux with IR 0.009 lux@F1.2,AGC ON; 0 lux with IR
Lens		2.8 mm @F1.85, horizontal field of view:101.7°
Lens Mount		M12
Wide Dynamic Range		120dB
BLC		Yes
HLC		Yes
Defogging		Yes
Digital NR		3D DNR
Angle Adjustment		Pan: 0°~360°; Tilt:0°~75°; Rotation:0°~360°
<b>Image</b>		
Video Compression		H.265 / H.264 / MJPEG
H.264 Compression Standard		Baseline Profile/Main Profile/High Profile
Resolution		1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, CIF, 480 × 240
Main Stream		60Hz : 1080P( 1 ~ 30fps ) / 720P( 1 ~ 30fps ) 50Hz : 1080P( 1 ~ 25fps ) / 720P( 1 ~ 25fps )
Sub Stream		60Hz : 720P/D1/CIF (1~30fps); 50Hz: 720P/D1/CIF (1~25fps)
Third Stream		60Hz : D1/CIF/480x240 (1~30fps); 50Hz: D1/CIF/480x240 (1~25fps)
Bit Rate		128 Kbps ~ 6 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
<b>Interfaces</b>		
Network		RJ45
Video Output		CVBS output (BNC × 1)
Audio		MIC IN × 1; Built-in MIC × 1
Storage		Built-in micro SD card slot; up to 128GB
Hardware Reset		Yes
<b>Functions</b>		
Remote Monitoring		Web browsing, CMS remote control
Online Connection		Support simultaneous monitoring for up to 6 users; Support multi-stream real time transmission
Network Protocol		UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1x, UPnP, HTTPs, QoS
Interface Protocol		ONVIF, GB-T/28181-2011
Storage		Network remote storage; micro SD card storage
Smart Alarm		Motion detection, SD card error, SD card full
Intelligent Analytics		Region intrusion detection, abnormal video detection, line crossing detection (optional)
General function		Watermark, IP address filtering, video mask, heartbeat, password protection
PoE		Yes
IR Distance		20 ~ 30 m
Ingress Protection		IP67

Others	
Power Supply	DC12V/PoE
Power Consumption	< 5W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F) Humidity: less than 95 % (non-condensing)
Dimensions ( mm )	Φ 94.6 × 82.8
Weight ( net )	Approx. 0.46KG
Installation	Ceiling mounting (wall mounting available with the junction box and bracket)

## DIMENSIONS



## AVAILABLE ACCESSORIES



NAV-DJB