



# SCB800

## 5G AI Camera



SCB800 5G AI Camera is embedded with 5G module and antennas to support 4G/5G network. The commercial design is dedicated for surveillance system upgrading to 4G/5G wireless connection.

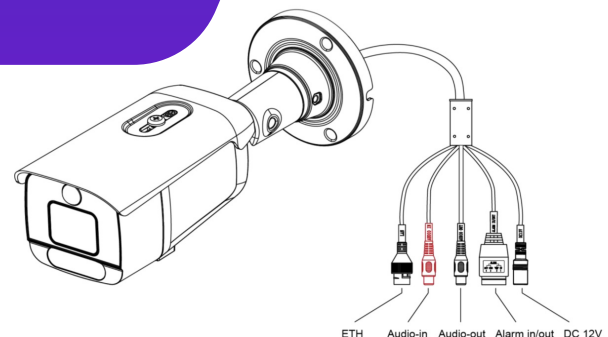
### KEY FEATURES

- 5G NR and LTE-A CAT19 dual mode module embedded
- Support both SA and NSA
- IoT Applications in North America
- Support 5MP (2880x1620)
- Support H.264 / H.265
- 1/2.7"/Progressive CMOS
- Support 4X AF lens, Auto Focus
- Support 120 dB WDR, 3D DNR
- Support three stream, heartbeat
- Support Perimeter, line crossing, Face recognition
- Corridor mode, Defog, HLC etc.
- Support BMP/JPEG Snapshot
- Max.256G class10 TF Card local storage

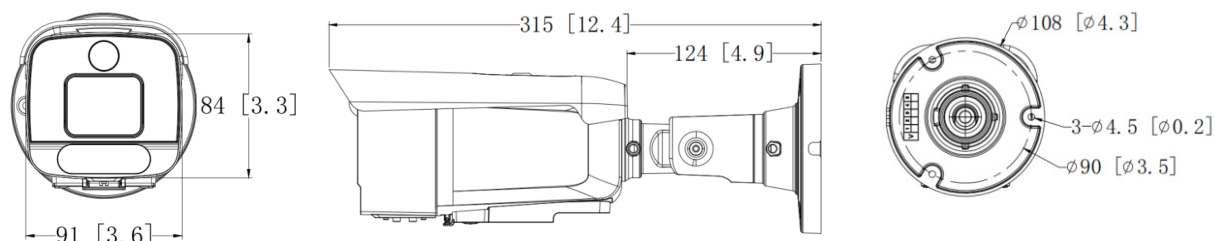


### INTERFACE

1. RJ45/POE
2. Audio Input
3. Audio Output
4. Alarm I/O 2CH
5. DC12V



## DIMENSIONS



## SPECIFICATIONS

### NETWORK SPECIFICATIONS

Category	3GPP Release 16, Category 19 (RM520N-GL)	
5G Mode Chipset	Support SA/NSA Qualcomm SDX62	
Cellular Bands	5G NR	n1/2/3/5/7/8/12/13/14/18/20/25/26/28/29/30/38/40 /41/48/66/70/71/75/76/77/78/79
	LTE	B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/29/30/32/34/38/39/40/41/42/43/48/66/71
Network	Smart Alarm	Motion detection, Video tampering, Off-line, IP conflict, HDD Full
	Network Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP
	Compatibility	ONVIF, Active registration
	General Function	One-key reset/Recovery, Three streams, Password protection, Heartbeat, IP white/black list, Off-line local storage, Off-line transmission recovery, Max-.20ch preview

### CAMERA SPECIFICATIONS

Optical	Sensor	1/2.7"/Progressive CMOS
	Lens	2.8-12mm 4X AF Lens
	Shutter	1/5~1/20000s
	Aperture	Auto (Option: fix)
	Illumination	Color 0.002Lux, B/W 0 Lux with full light
	Max.IR Distance	IR:35M
	D/N Shift	ICR, Auto, Timing, Threshold value control, Rotation
	DNR	3D DNR
Image	FOV	Horizontal:112.6(W)-35.4(T)°,Vertical:58.5(W)-20.0(T)°, Diagonal: 138.0(W)-40.7(T)° W(Wide angle):2.8mm; T(telephoto):12mm
	Main Stream	5MP(2880x1620),4MP(2592x1520) 3MP(2304x1296),1080P(1920x1080) 960P(1280x960),720P(1280x720)
	Sub Stream	720P(1280x720),VGA(640x480),QVGA(320x240)
	3rd Stream	VGA(640x480), QVGA(320x240)

Image	WDR	120dB
	Image Adjustment	Saturation, Brightness, Contrast, Sharpness, Hue adjustment
	Image Setting	Privacy mask, Anti-flicker, Defog, Corridor mode, Mirror Rotation, BLC, HLC
	ROI	4 areas

Note: \* = Planning / In progress

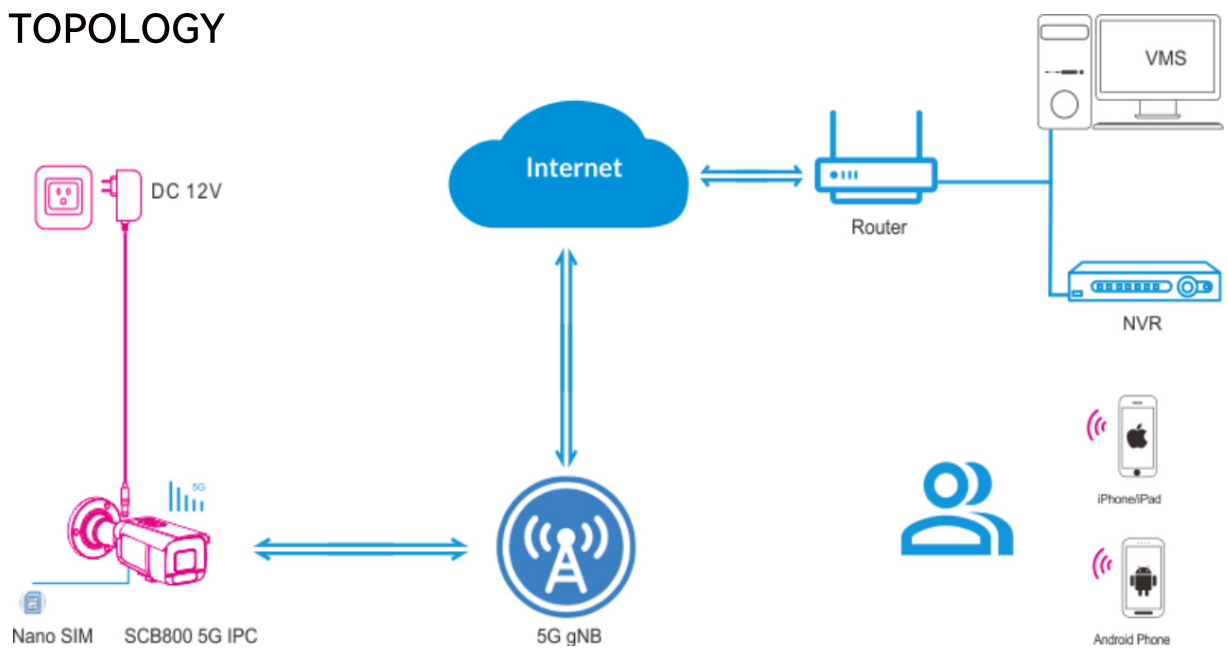
## SPECIFICATIONS

Special Smart	Face Detection	64 faces detection per image
	Face Detection	Support Pupil Distance(PD) $\geq$ 20 pixel
	Face Capture	1.Support Face matting, PD>60 pixel 2.Capture 8 pcs Face in 1 Second
	Face Capture	Support capture pictures in full frame
	Face Capture	Support face tracking, scoring, screening, and sending optimal face image
	Face Capture	Face capture times adjustable
	Face Recognition(Optional)	10K face database. Support up to 16 face database management
Smart Function	Smart Detection	Area intrusion, Line crossing, Audio detection
Compression	Compression	H.264/H.265: Baseline, Main Profile, High Profile, MJPEG
	Video Bit Rate	64 Kbps~16Mbps
	Audio Compression	G.711A, AAC, G711U, G726
	Audio Bit Rate	8/16Kbps
Interface	Storage	TF card, up to 256 GB (class 10)
	Alarm Input	1ch
	Alarm Output	1ch
	Communication Interface	RJ45*1 10M/100M Self-adaptive
	Audio Input	1ch
	Audio Output	1ch
	Reset	Support one key Reset
	4/5G SIM	nano SIM Card
General	Operating Conditions	-30°C~ 60 °C Humidity $\leq$ 95% (non-condensing)
	Power Supply	DC 12V2A /POE(IEEE802.3at)
	Power Consumption	<20W

General	Dimension	315*91*84(mm)
	Weight	0.8KG
	Ingress Protection	IP66

## SPECIFICATIONS

### NETWORK TOPOLOGY



### APPLICATION SCENARIO

