

## RC-NBC50VF Series 5MP IR Varifocal Fixed Bullet Network Camera

The RC-NBC50VF is a 5-megapixel IP bullet camera providing highly detailed images in any situation. A wide angle 2.8 to 12 mm motorized autofocus lens allows for easy setup and ensures sharp and clear images. Its unique cable-managed bracket, built-in IR, weather and vandal resistance, makes it the ideal camera for almost any outdoor application. Intelligent video encoding ensures good image quality and low storage costs.



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### Typical Applications

- Commercial surveillance applications for office complexes, restaurants, hotels, and others
- Retail security systems for shopping malls, supermarkets, chain stores, and others
- intelligent campus surveillance systems for schools, colleges and other education establishments

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### Product Features

- 1/2.8" SONY Stavis Back-illuminated CMOS Sensor
- H.265+, H.265, H.264+, H.264, Main, High, MJPEG video encoding
- Up to 5.0MP 2616(H) x 1964(V) Effective Pixels
- IR illumination up to 60 meters with 42 $\mu$  x 6PCS illuminators
- Operating temperature up to 60°C (140°F)
- Efficient H.265+ compression technology to save bandwidth and storage
- Advanced streaming technology enables smooth live view and data self-correction in poor network
- 5 streams and up to 5 custom streams to meet a wide variety of applications
- Up to 512 GB edge storage with Micro SD card (optional)
- Water and dust resistant and vandal proof (IP67 and IK10).

# Specifications

## Camera

Image Sensor	1/2.8" SONY Starvis Back-illuminated CMOS Sensor
Resolution	5 MP
Effective Pixels	2616(H) x 1964(V)
Electronic Shutter	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec
Minimum Illumination	0.01Lux
Day/Night	IR-cut filter with auto switch
Infrared LED	42μ x 6PCS
Infrared Distance	60 m
IR Status/Power On	Auto
WDR	DWDR: 50dB
S/N Ratio	≥52dB
Scanning System	Progressive
Video Output	Network
Camera feature	Corridor Pattern,Defog Mode, ROI,BLC
Motion Detection	Support
Privacy Masking	3 Rectangular Zone
Recording Mode	NVR/CMS/Web

## Video

Video compression	H.264/H.264+/H.265/H.265+/JPEG/ AVI /MJPEG
TV System	PAL/NTSC
Main Stream 1	2592x1944@20fp/2560x1920@20fp
Main Stream 2	2560x1440@25fp
Main Stream 3	1920x1080@30fps/1280x720@30fps
Sub Stream	720x480@15fps/720x480@30fps
Third Stream	352x288@15fps/352x288@30fps
Image Setting	Saturation/Brightness/Contrast/ Sharpness/Mirror/3D DNR/ White Balance/FLK(Flicker Control) Video Tampering

## Lens

Focus Length	2.8-12mm
Focus Control	Manual
Lens Type	Manual
Pixels	4 MP

## Network

Ethernet Protocol	RJ-45 (10/100Base-T) TCP/IP,ICMP,HTTP,HTTPS, FTP,DHCP,DNS,DDNS,RTP, RTSP,RTCP,NTP,SMTP
ONVIF	Support ONVIF 2.4
P2P	YES, Support QR Code
POE	Optional/Internal, 802.3af
Video Delay	0.3S (LAN)
IE Brower	IE8-11, Google Chrome (lower than Ver44),Firefox (lower than Ver53), Mac Safari(lower than ver12)
Smart Phone	iPhone, iPad, Android, Android Pad

## Interface

Audio	Optional
SD Card Slot	Optional, Max 512GB

## Environmental

Ingress protection level	IP67
Anti-cut Bracket	Yes
IR Cut Filter	Yes
Operation Temperature	-20 °C ~ +60 °C
Storage Temperature	-20 °C ~ +60 °C
Relative humidity	95% Max
Power Supply	DC12V±10%,1100mA
Dimension	312(W) x 133(H) x102(D)mm
Weight	1.8KG