RC-NBC20VF Series
2MP IR Varifocul Fixed Bullet Network Camera

The RC-NBC20VF is a 2-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.

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

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 2.0MP 1945(H) x 1097(V) Effective Pixels
- IR illumination up to 40 meters with 42μ x 4PCS 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	2 MP
Effective Pixels	1945(H) x 1097(V)
Electronic Shutter	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec
Minimun Illumination	0.002Lux
Day/Night	IR-cut filter with auto switch
Infrared LED	42μ x 4PCS
Infrared Distance	40 m
IR Status/Power On	Auto
WDR	96dB
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	2048x1536@15fps
Main Stream 2	1920x1080@30fps
Main Stream 3	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	3 MP

Network

Ethernet	RJ-45 (10/100Base-T)
Protocol	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	275(W) x 91(H) x 80(D)mm
Weight	1.5KG