

# NBF232P-S

Full HD 2-Megapixel at 60 fps,  
Intelligent Auto Back Focus,  
Extreme WDR with Multi Shuttters,  
Low Light, Box Network Camera



## Why DivioTec?

DivioTec's aim is to transcend the capabilities of the human eye and deliver an entirely new field of view. Our integrative skills and our 20 years of industry experience are constantly driving new innovations.

Our simple, easy-to-use interfaces and our rock-solid security hardware are rapidly earning the respect and confidence of our clients.

We also make a point of listening carefully to our customers' needs, applying what we learn to develop outstanding new products and a culture of exceptional service.

At DivioTec, our experience is your protection.

- 2 Megapixel SONY®Xarina™ & SONY®Progressive Scan CMOS Sensor
- High Frame Rate up to 60 fps @ Full HD 1080P Resolution
- Quad Streams Compression: H.264 (Baseline/Main/High Profile)/MJPEG
- Intelligent Auto Back Focus
- Smart ICR Function Removable IR Filter for Day and Night
- Extreme Wide Dynamic Range with Multi Shutter Enhancement
- Advance Noise Reduce by 3D +2D Noise Reduction
- Smart IR Light Compensation Function
- Smart Schedule Profile Setting
- ROI (Region Of Interest) with Multi Cropping
- Motion Detection Tampering Alarm and Network Failure Detection
- Record to NAS, Micro SD Card
- ONVIF Support

## Specifications

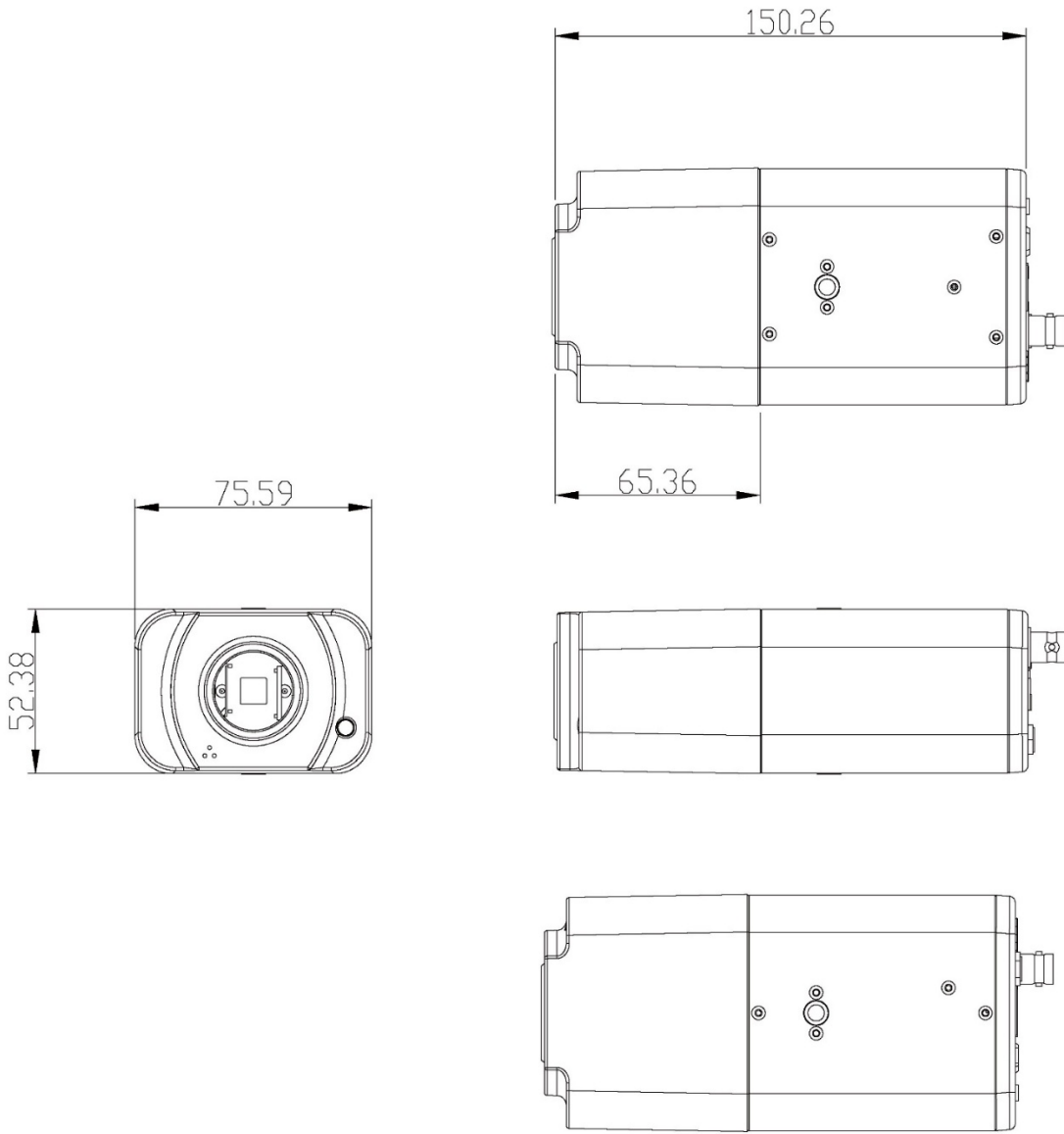
<b>Camera: NBF232P</b>	
Image Sensor	1/2.8" Progressive CMOS
Effective Pixels	1920 (H) x 1080 (V)
Minimum Illumination	Color: 0.01 Lux; B/W: 0.0005 Lux @ F1.2
Shutter Speed	1/1~1/100,000 sec.
<b>Lens</b>	
Lens Mount	CS Mount
Iris auto adjustment	Yes
Zoom Ratio	16X Digital Zoom
Intelligent Auto Back Focus	Auto/Manual, up to 128 Steps
<b>Image Setting</b>	
Backlight Compensation	On/Off
White Balance	Auto/ATW/Indoor/Outdoor/Manual
Noise Reduction	3DNR + 2DNR: Off/3 Level Sensitivity
Wide Dynamic Range	Extreme WDR with Multi Shutters (96dB)
Exposure Mode	Auto/Manual/Flicker less/Shutter Priority Auto Iris
Shutter Mode	Auto/Manual
Gain Control	Auto/Manual Max Gain 72 dB
Picture Adjustment	Brightness/Sharpness/Contrast/Saturation/Hue
Region of Interest (ROI)	4 zones Configurable frame rate and bitrate independent
Privacy Mask	On/Off; 5 Zones, 5 Colors Selectable
Smart IR Light	On/Off
Day/Night Function	Auto/Day/Night/Smart ICR
Smart Schedule Profile	10 Profiles/10 Schedule 24 x 7/Day Night Sensor Configurable: Shutter Speed, Exposure, Gain, Wide Dynamic Range, Noise Reduction, White Balance, Backlight Compensation, Picture Adjustment: Brightness/Sharpness/Contrast/Saturation/Hue
Motion Detection	On/Off/By schedule, 10 Zones, Motion Level Display Detection Level 1-100, Sensitivity level 1-100 Sampling pixel interval 1-10
Face Detection	On/Off/By Schedule, Sensitivity Level 1-64, Object Size 80 – 640 Pixel
Tampering Alarm	On/Off/By Schedule
Network Failure Detection	On/Off/By Schedule
Periodical Event	On/Off
Digital Image Stabilization	On/Off
Camera System	Selectable: 60 fps/Auto Iris 60 fps/WDR Auto Iris 30 fps/WDR 30 fps

## Specifications

<b>Video</b>	
Video Compression	H.264: Baseline/Main/High Profile, MJPEG
Multi Steaming	Quad Streams: H.264 + H.264 + H.264 + H.264/MJPEG Configurable Frame Rate and Bitrate, Regions of Interest (ROI)
Image Resolution	Full HD 1080P/SXGA/HD 720P/XGA/SVGA/D1/VGA/CIF/QCIF
Maximum Frame Rate	H.264/MJPEG Full HD 1080P @ 60 fps
<b>Audio</b>	
Compression	G.711/G.726
Audio Mode	Two-way Audio: Line-in x 1/Line-out x 1
Audio Detection	On/Off/By Schedule, Detection Level 1-100, Time Interval 0 – 7200 sec
<b>Network</b>	
Interface	RJ-45,10/100/1000 Mbps Ethernet (Giga Ethernet)
Protocol	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS
Security	HTTPS/IP Filter/IEEE 802.1x; 20 user account/2 level: user/administrator
Local storage	Micro SDXC 64GB
Bit Rate Control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR) 64-8192 Kbit/s
Support Web Browser	Internet Explorer (6.0+)/Chrome/Firefox/Safari
Event Notification	HTTP/FTP/SMTP
Connectivity	ONVIF Profile S
<b>General</b>	
LED Indicator	Power/Link/ACT
Alarm in/out	Yes; 1 Input, 1 Output
TV out	Yes; BNC 1.0 Vp-p/75 Ω, BNC
Multiple Languages	English/French/German/Italian/Korean/Simplified Chinese/Traditional Chinese/Russian/Spanish/Thai
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Humidity	10% to 90%, No Condensation
Dimension	125 x 82 x 52 mm
Weight	330 g
Power Source	PoE (IEEE 802.3af)/DC12V
Power Consumption	7.5W
Regulatory	CE/FCC/RoHS
Ordering Information	NBF232P-S



Dimension Drawing



2017-05-03 released.  
The specification of subject are changed without notice.  
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