

# NBR225P

Full HD 1080P at 60 fps,  
4-8mm Varifocal Lens, Smart IR+  
30M (98ft) IR Distance, Extreme WDR  
with Multi Shutters, Ultra Low Light,  
IP66, Compact Design



## 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
- Ultra Low Light, Minimum Illumination: 0.0005 lux. @ F1.65
- High Frame Rate up to 60 fps @ Full HD 1080P Resolution
- IR Illuminator 30M (98ft) IR Distance, Smart IR+
- 4-8mm Varifocal Lens, F1.65, DC-iris
- Smart ICR Function Removable IR Filter for Day and Night
- Extreme Wide Dynamic Range with Multi Shutter Enhancement (120 dB)
- Advanced Noise Reduction (3D+2D)
- 24/7 10-Profile Smart Schedule Setting
- ROI (Region Of Interest) with Multi Cropping
- Smart Event Functions: Audio Detection, Motion Detection, Network Failure Detection, Tampering Alarm
- Quad Streams Compression: H.264 (Baseline/Main/High Profile)/MJPEG
- Micro SD Card Slot
- IP66 Weatherproof
- ONVIF Protocol

## Specifications

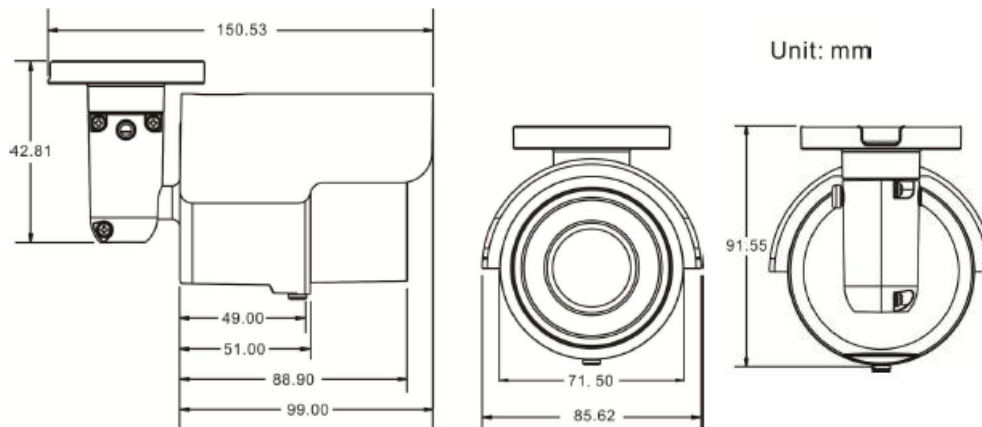
<b>Camera: NBR225P</b>	
Image Sensor	1/1.9" Sony Progressive CMOS
Effective Pixels	1920(H) x 1080(V)
Minimum Illumination	Color: 0.01 lux.; B/W: 0.0005 lux. @ F1.65
<b>Lens</b>	
Lens Type	Varifocal Lens
Focal Length	4-8 mm F1.4/ F1.65
FOV	102 ° (Wide) 52 ° (Tele)
<b>Image Setting</b>	
Shutter Speed	1/1~1/10,000 sec.
Iris Control	DC-iris; Auto/Manual
Backlight Compensation	On/Off
White Balance	Auto/Manual/ATW/Indoor/Outdoor
Noise Reduction	3DNR + 2DNR: Off/Low/Middle/High
Wide Dynamic Range	Extreme WDR with Multi Shutters (120dB)
Exposure	Auto/Manual
Gain Control	Auto/Manual (Max Gain 72dB)
Picture Adjustment	Brightness, Sharpness, Contrast, Saturation, Hue (Manual Setting)
Region of Interest (ROI)	4 Zones
Privacy Mask	On/Off; 5 Zones, 5 Colors Selectable
Day/Night Function	Auto/Day/Night/LED On/LED Off/Light sensor/Smart ICR
24/7 Smart Schedule Profile	10 Profile; Configurable: Shutter Speed, Exposure, Gain, Wide Dynamic Range, Noise Reduction, White Balance, Backlight Compensation, Picture Adjustment (Brightness/Sharpness/Contrast/Saturation/Hue)
Digital Image Stabilization	On/Off
<b>Event Setting</b>	
Motion Detection	On / Off / By schedule, 10 Zones, Motion Level Display , Detection Level 1-100, Sensitivity level 1-100 Sampling pixel interval 1-10
Tampering Alarm	By Schedule/On/Off
Network Failure	By Schedule/On/Off
Audio Detection	On / Off / By Schedule , Detection Level 1-100 , Time interval 0 – 7200 sec
<b>Video</b>	
Compression/Streaming	H.264 (Quad Streams: H.264 + H.264 + H.264 + H.264), MJPEG
Video Resolution/Frame Rate	Full HD 1080P (1920 x 1080), SXGA (1280 x 960), HD 720P (1280 x 720), XGA (1024 x 768), SVGA (800 x 600), D1 (720 x 480), VGA (640 x 480), CIF (352 x 240), QVGA (320 x 240) @ 60 fps

## Specifications

Network	
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, DNS, NTP, QoS
Security	HTTPS, IP Filter, IEEE 802.1x, 20 user accounts (2 level: user/administrator)
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
General	
IR Illuminator	High Power IR LED 3 PCS Up to 30M (98ft); 850nm wavelength
Local Storage	Micro SDXC 64GB
Multiple Languages	English, French, German, Italian, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish, Thai
Operating Temperature	-10°C to 50°C (14° to 122° F)
Humidity	10% to 90%, No Condensation
Weight	360 g (0.79 lb)
Power	PoE (IEEE 802.3 af), DC12V 5.5 W (LED: +1W)
Weatherproof	IP66
Regulatory	FCC/CE/EMC/LVD/RoHS



## Dimension Drawing



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 Specifications are subject to change without notice.  
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