

NBR222PV-2812N

Full HD 2 Megapixel at 60fps,
25M (82ft) IR Distance, Low Light,
Extreme WDR with 2 Shutters, 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
- High Frame Rate up to 60 fps @ Full HD 1080P Resolution
- Quad Streams Compression: H.264 (Baseline/Main/High Profile)/MJPEG
- 2.8-12mm F1.4 Varifocal Lens
- Smart ICR Function Removable IR Filter for Day and Night
- Extreme Wide Dynamic Range with Multi Shutter Enhancement
- 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
- IR illuminator 25M (82ft) IR Distance
- Weatherproof IP66
- Record to NAS, Micro SD Card
- ONVIF Support

Specifications

Camera: NBR222PV-2812N	
Image Sensor	1/2.8" Progressive CMOS
Effective Pixels	1920(H) x 1080(V)
Minimum Illumination	Color: 0.03 Lux; B/W: 0.003 Lux
Shutter Speed	1/1~1/100,000 sec.
Lens	
Lens Type	Varifocal Lens
Focal Length	2.8-12 mm, F1.4
Zoom Ratio	16x Digital Zoom
View Angle	98 ° (Wide) 36 ° (Tele)
Image Setting	
Backlight Compensation	On/Off
White Balance	Auto (ATW)/Manual
Noise Reduction	3DNR + 2DNR: Off/3 Level Sensitivity
Wide Dynamic Range	Multi Shutters WDR (120dB)
Exposure	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
Smart IR Light	On/Off
Day/Night Function	Auto/Day/Night/LED On/LED Off/Light sensor/Smart ICR
Smart Schedule Profile	10 Profiles/0 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

Specifications

Video	
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
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 account/2 level: user/administrator
Local storage	Micro SDXC 64 GB
Bit Rate Control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR) 64 - 8192 k bit/s
Support Web Browser	Internet Explorer (6.0+)/Chrome/Firefox/Safari
Event Notification	HTTP/FTP/SMTP
Connectivity	ONVIF Profile S
General	
IR illuminator	Up to 25M (82ft) 850nm wavelength
IR LED	4 pcs
LED Indicator	Power/Link/ACT
Multiple Languages	English / French / German / Italian / Korean / Simplified Chinese / Traditional Chinese / Russian / Portuguese / Spanish / Japanese / Thai
Operating Temperature	-10°C ~ 50°C (14° ~ 122° F)
Humidity	10% ~ 90%, No Condensation
Dimension	Outdoor w/ cable management: Ø 71.5 x150.53 x 91.15 mm (Ø 2.815 x 5.92 x 3.58 in.)
Weight	360g
Power Source	PoE (IEEE 802.3 af)/DC12V
Power Consumption	5.5W/ IR LED On Mode: 6.5 W
Waterproof	IP66
Regulatory	FCC/EMC/LVD/RoHS



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 Specifications are subject to change without notice.
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