

NHD-2161

2 Megapixel, H.264, IR Varifocal Dome (Outdoor) Camera



Summary

The NHD-2161 varifocal outdoor dome camera is designed to provide cost effective, FULL HD video surveillance in low light conditions at an effective distance of 35 feet. A 1/2.5" CMOS progressive scan image sensor delivers FULL HD video that is compressed with H.264 to retain high video quality at a low data rate. The NHD-2161 camera is compatible with the user-friendly razberi recorders for quick plug-and-play installation.

Features

- Full HD Resolution (1920x1080)
- H.264 Compression
- Auto-Iris Varifocal Lens: F 1.4 / f = 3.3 ~ 12 mm
- 3 Axis
- IR LED: 23 units with effective distance of 35 feet
- Min. Illumination: 0 Lux at 30 IRE
- IP66 Anti-Vandal Housing with sunshield
- Heater and Fan
- Operating Temperature Range: -31°F ~ 122°F
- Power over Ethernet (PoE), 12VDC and 24VAC
- ONVIF Conformant

2MP, Full HD Resolution

The NHD-2161 provides high quality crisp image with up to 1920x1080p resolution. This feature produces same resolution levels used by 1080p Full HD monitors.



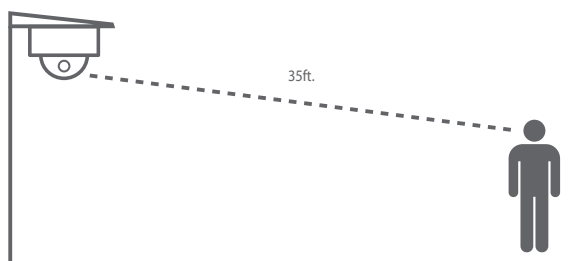
Standard



2MP, Full HD Resolution

Effective IR Distance: 35ft

With an "effective IR Distance" of 35ft, NHD-2161 records every single detail of an object in the complete darkness. Moreover, camera provides enough illumination to see an object located up to 100 feet away.



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More information is available at www.razberi.net.
11.03.2011



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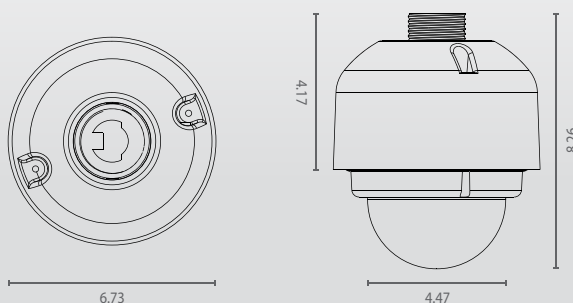


Specifications

Camera		
Image Sensor		1/2.5" Progressive Scan CMOS
Minimum Illumination	Color	0.2 lux @ F1.4, 30IRE
	B&W (LED on)	0 lux @ F1.4, 30 IRE
IR LED	Unit Count	20
	Effective Distance	35ft
Shutter Speed		1~ 1/10000 sec.
White Balance		Manual / AWB / ATW
Lens		F 1.4 / f= 3.3 ~ 12 mm
		FOV: 71° ~ 21°
Video		
Compression		H.264/MJPEG
Streaming	Simultaneous	H.264 + MJPEG
		H.264 + H.264
Resolution	H.264/MJPEG	Full HD 1080p/HD 720p/SXGA/D1/VGA/QVGA/CIF
Frame Rate		30 fps at HD and lower resolutions
		15fps at Full HD
Image Settings	Auto Iris	Yes
	Exposure	Auto/Manual
	Brightness	Manual
	Sharpness	Manual
	Contrast	Manual
	Saturation	Manual
	Hue	Manual
	Motion detection	On/Off
	Tampering Alarm	Yes
	Privacy Mask	2 Masks
Day/Night		True Day/Night
Audio		
Bi-directional Audio		Line-out/Line-in (Mic-in)
Compression		G.711/G.726
Connector		4 pin terminal block
Alarm		
I/O	Input	5V 10kΩ
	Output	Relay 300VDC/AC
	Connector	4 pin terminal block
Network		
Connector		RJ-45
Interface		10/100Mbps Ethernet (RJ-45)
Supported Protocols		TCP/IP, UDP, RTP, RTSP, HTTP, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP and IGMP
User Account Allowance		20
Other Connectors		
Analog Video		1.0 Vp-p / 75 Ω, BNC
Micro SD		SDHC
Environmental		
Operating Temperature		-31°F ~ 122°F (-35°C ~ 50°C)
Operating Humidity		10% to 90%, No Condensation
Power		
Power Source		PoE, 12VDC, 24VAC
Power Consumption	without Heater	5.5W (Heater will not be activated with PoE connection.)
	with Heater & Fan	21.5W
	LED on	+ 3.4W
Certifications and Dimensions		
Certifications		CE, FCC, RoHS
IP66		Yes
Dimension	(L x W x H)	Ø 6.7 x 8.3 in (170 x 210 mm)
Weight		2.90 lbs (1.3 kg)

Dimensions (unit : in)

Top/SideView



Certifications



RoHS

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