vantage
keeping you safe

HIGH RESOLUTION
2MP IP DOME CAMERA

VP-NC3092D-AVFIR1X1
IR NIGHT VISION SMART VARIFOCAL ZOOM CAMERA

vantage

FEATURES

High definition (1920 × 1080) resolution supported

Dual-Stream(H.265+,H.265,H.264+/H.264/MJPEG) supported

2.8-12mm Varifocal Lens

Onboard SD card slot up to 128GB support

Inbuilt 120dB True WDR , 3D DNR,ROI and BLC functions

Inbuilt Smart analytics for Line crossing detection, Intrusion detection

IP67 Weather Proof Indoor Enclosure

1/2.8"
Progressive
Scan CMOS Sensor

Backlight
Compensation

TRUE120dB
WDR

SD Card

Smart
Analytics

Onvif UL CE FC RoHS

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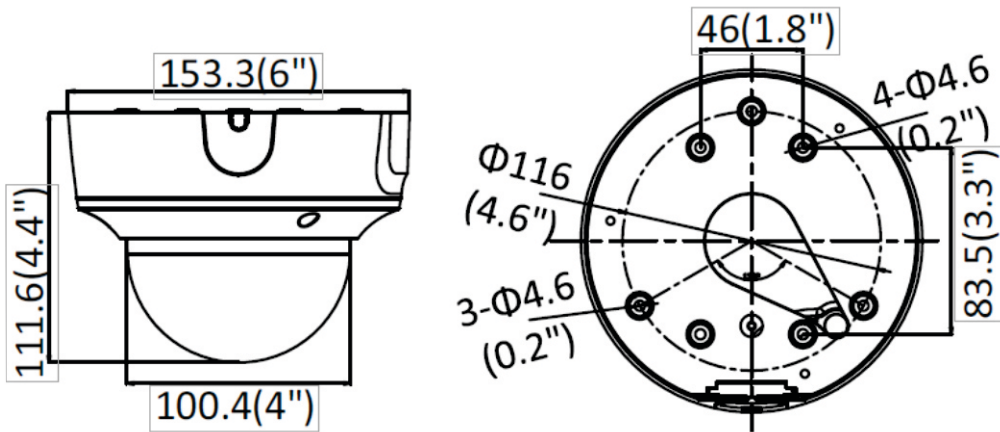|		
Camera	Image sensor	1/2.8" Progressive Scan CMOS Sensor
	Signal System	PAL/NTSC
	Effective Pixels	1920 (H) × 1080 (V)
	Minimum Illumination	Color: 0.028 Lux @(F2.0, AGC ON),B/W: 0.001 Lux @(F1.2, AGC ON) 0 Lux with IR
	Electronic Shutter Speed	1/3 s to 1/100,000 s, supports slow shutter
	Gain Control	Auto
	Signal to Noise	> 52 dB
Lens	Lens Type	2.8mm to 12mm Varifocal Lens
	Lens Mount	Φ14
	Focus	Manual
	Zoom	Manual Optical zoom adjustment
Day/Night Functionality	Day & Night	True Day & Night with ICR
	IR Cut	High performance Mechanical IR Cut Filter with auto switch
	IR Source	Inbuilt Smart IR with intensity control
	IR Range	Up to 30 Mtr.
Compression	Audio Compression	G.711/ G.722.1/ G.726/ MP2L2/ PCM
	Video compression	H.265+/ H.265/ H.264+ / H.264/ MJPEG
	H.265 codec profile	Main profile
	Video Bit Rate	32 Kbps to 8 Mbps
Resolution and Frame Rate	Max. Resolution	1920 × 1080
	Frame rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280×720)
	Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320x 240) 60Hz: 30fps (640 × 480, 640 × 360, 320x 240)
Operational Features	Wide Dynamic Range (WDR)	120dB
	Backlight compensation	Supported
	DNR	Inbuilt 3D DNR (Digital Noise Reduction) circuit
	Region of Interest	Supported
	Simultaneous Live View	Up to 6 channels
	Users	Up to 32 users
	Image settings	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
	Security	One-key Reset, Anti-Flicker, Heartbeat, Mirror, Password Protection, Privacy Mask, Watermark, IP Address Filter
	Onboard Storage	Built-in Micro SD / SDHC / SDXC card slot, up to 128 GB
	Alarm trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, SD Card full, SD Card error
Network & Remote Monitoring	Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP,SNMP, IGMP, 802.1X, QoS, IPv4/ IPv6
	System compatibility	ONVIF (PROFILE S, PROFILE G)
	Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+

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	CMS	Full function CMS (Central monitoring software)
	Mobile Client Application	Supports android and iOS APP for Smart phone and tablets
	Bandwidth control	VBR (Automatic) and CBR (Manual) supported
	Network Storage	NAS (NFS,SMB/CIFS), ANR
Smart Features	Analytics	Line crossing detection, Intrusion detection
Interface	Ethernet	1 RJ45 10M/100M self-adaptive Ethernet port
	Power Input	Standard DC Jack
	Audio In/ Out	1 input (line in), 1 output (line out)
	Alarm In/ Out	2 inputs, 2 outputs
	Video Output	1ch, CVBS
	Reset Button	Yes
Electrical	Power Requirement	12 VDC ± 10% , PoE (802.3af)
	Power Consumption	Max 8W
Environmental	Enclosure	IP67 Weather Proof Indoor enclosure
	Impact Protection	IK10 Vandal proof
	Operating Temperature	-30°C to + 60°C
	Operating Humidity	95% or less (non-condensing)
Mechanical	Color	White
	Dimensions	Φ153.3 × 111.6 mm
	Weight	880 g
Certifications	Certifications	UL, CE, FCC, RoHS

*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image, weights and measurements are approximate and may vary.

DIMENSIONS

Unit: mm