



## 2 Megapixel Vandal Dome Network Camera

# VH-230V1 Classic

- 2 Megapixel high resolution
- 1080p resolution, Real-time
- 2.8mm-12mm auto iris lens
- IP66 Weatherproof and IK10 Vandal Proof
- IP66 weather proof
- H.264 Base line, Main-Profile
- ICR for Day and Night Surveillance without color shift
- Support 90° Rotation mode
- Lens Distortion Correction(LDC)
- 3D-denoise for Low-Lux Environment
- Support External Speaker and microphone
- 1 Digital In and 1 Digital Out (DI/O)
- Motion Detection
- Tampering detection
- Audio detection
- Support Power over Ethernet (POE)
- Open Standard Protocol

### Camera

<b>Effective Pixels</b>	1920 x 1080 pixels
<b>Lens</b>	2.8-12mm Vari-focal lens
<b>Lighting LEDs type</b>	IR LED
<b>ICR</b>	<ul style="list-style-type: none"> <li>● Photo sensor</li> <li>● Smart control mechanical ICR</li> </ul>

### Video

<b>Video Encoder</b>	H.264 and Motion JPEG simultaneously
<b>Video Profile</b>	5 streams simultaneously
<b>Frame Rate</b>	Up to 30fps in all resolutions

<b>Image Setting</b>	<ul style="list-style-type: none"> <li>● AE, AWB</li> <li>● 3D Noise reduction</li> <li>● Digital WDR</li> <li>● Color, brightness, sharpness, contrast, Hue</li> <li>● Mirror/Flip</li> <li>● De-fog</li> <li>● Anti-False Color</li> <li>● Lens Distortion Correction (LDC)</li> <li>● Privacy Masks</li> <li>● Text, time and date overlay</li> <li>● Overlay image on video</li> <li>● 90° Rotation</li> </ul>
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<b>Streaming</b>	<ul style="list-style-type: none"> <li>● Simultaneously multi-streams</li> <li>● Streaming over UDP, TCP, HTTP, or HTTPS</li> <li>● M-JPEG streaming over HTTP (server push)</li> <li>● Controllable frame rate and bandwidth</li> <li>● Constant and variable bit rate (H.264)</li> <li>● AOI, ROI</li> </ul>
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### Network

<b>Ethernet</b>	10/100M auto negotiation
<b>Supported Protocols</b>	IPv6, IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, Samba, ICMP, ONVIF, SNMP, QoS

<b>NAT Transversal</b>	UPnP NAT transversal
<b>Security</b>	Password protection, IP address filtering, HTTPS encrypted data transmission, user access log

<b>Users</b>	8 simultaneous unicast users
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### System Integration

<b>Alarm Triggers</b>	Intelligent video motion detection Camera tampering
<b>Motion Detection</b>	Video motion detection up to 10 windows
<b>Alarm Events</b>	<ul style="list-style-type: none"> <li>● File upload via FTP or email</li> <li>● File upload via Samba to NAS</li> <li>● Notification via email, HTTP, and TCP</li> </ul>

<b>Video Buffer</b>	Pre- and post- alarm buffering
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### General

<b>Power Supply</b>	Built in Power over Ethernet
<b>Connectors</b>	RJ-45 10BaseT/100BaseTX (Built in Power over Ethernet)

<b>Indication LED</b>	Green and orange LEDs
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<b>Operating Temperature</b>	-10°C ~ 50°C
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<b>Operating Humidity</b>	20% ~ 80% (non-condensing)
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<b>Vandal</b>	IK 10
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<b>Weather Proof</b>	IP66
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### Viewing System

<b>OS</b>	Windows® XP, Vista, 7, 8
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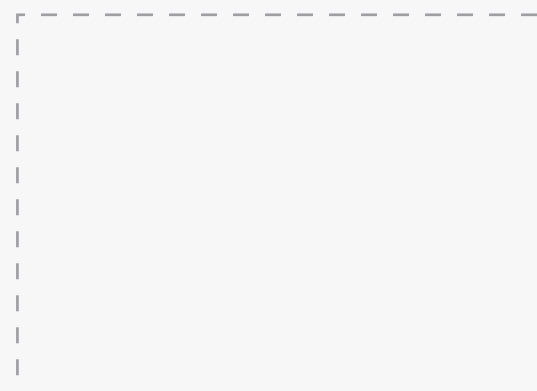
<b>Browser</b>	IE 6.0 or later, Firefox 2.0 or later, Safari, Google Chrome
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### Software

Afidus Cloud Service™, Afidus DDNS Service™, Afidus Smart Phone Apps, Afidus NVR64™

※ The product design and dimensions may change without previous notice for improvement of performance.

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### Dimensions

