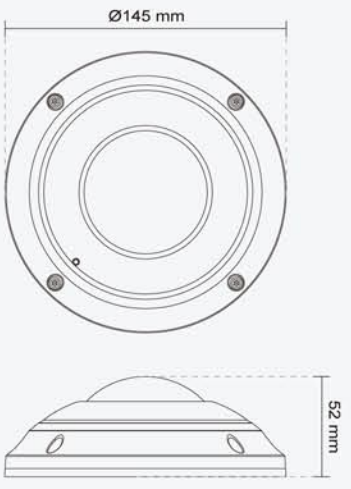


## Technical Specifications

<b>Lens</b> <ul style="list-style-type: none"> <li>Board lens, Fixed, f = 1.27 mm, F2.8</li> <li>Removable IR-cut filter for day &amp; night function</li> </ul>	<b>Security</b> <ul style="list-style-type: none"> <li>Multi-level user access with password protection</li> <li>IP address filtering</li> <li>HTTPS encrypted data transmission</li> <li>802.1X port-based authentication for network protection</li> </ul>
<b>Field of View</b> <ul style="list-style-type: none"> <li>180°</li> </ul>	<b>Users</b> <ul style="list-style-type: none"> <li>Live viewing for up to 10 clients</li> </ul>
<b>Shutter Time</b> <ul style="list-style-type: none"> <li>1/5 sec to 1/32,000 sec.</li> </ul>	<b>Weight</b> <ul style="list-style-type: none"> <li>Net: 566 g</li> </ul>
<b>Image Sensor</b> <ul style="list-style-type: none"> <li>1/2" CMOS sensor in 2048 x 1536 resolution</li> </ul>	<b>LED Indicator</b> <ul style="list-style-type: none"> <li>System power and status indicator</li> <li>System activity and network link indicator</li> </ul>
<b>Minimum Illumination</b> <ul style="list-style-type: none"> <li>1.17 Lux @ F2.8 (Color)</li> <li>0.2 Lux @ F2.8 (B/W)</li> </ul>	<b>Power</b> <ul style="list-style-type: none"> <li>12V DC</li> <li>Power consumption: Max. 3.84 W</li> <li>802.3af compliant Power-over-Ethernet (Class 3)</li> </ul>
<b>Video</b> <ul style="list-style-type: none"> <li>Compression: H.264, MJPEG &amp; MPEG-4</li> <li>Streaming: <ul style="list-style-type: none"> <li>Multiple simultaneous streams</li> <li>H.264 streaming over UDP, TCP, HTTP or HTTPS</li> <li>MPEG-4 streaming over UDP, TCP, HTTP or HTTPS</li> <li>H.264/MPEG-4 multicast streaming</li> <li>MJPEG streaming over HTTP or HTTPS</li> </ul> </li> <li>Supports activity adaptive streaming for dynamic frame rate control</li> <li>Supports ePTZ for data efficiency</li> <li>Supports 3GPP mobile surveillance</li> <li>Frame rates: <ul style="list-style-type: none"> <li>H.264: <ul style="list-style-type: none"> <li>Up to 15 fps at 1536x1536</li> </ul> </li> <li>MPEG-4: <ul style="list-style-type: none"> <li>Up to 15 fps at 1536x1536</li> </ul> </li> <li>MJPEG: <ul style="list-style-type: none"> <li>Up to 15 fps at 1536x1536</li> </ul> </li> </ul> </li> </ul>	<b>Housing</b> <ul style="list-style-type: none"> <li>Vandal-proof IK10-rated metal housing</li> <li>Weather-proof IP66-rated housing</li> </ul>
<b>Image Settings</b> <ul style="list-style-type: none"> <li>Adjustable image size, quality and bit rate</li> <li>Time stamp and text caption overlay</li> <li>Flip &amp; mirror</li> <li>Configurable brightness, contrast, saturation, sharpness, white balance and exposure</li> <li>AGC, AWB, AES</li> <li>WDR enhanced</li> <li>Automatic, manual or scheduled day/night mode</li> <li>BLC (Backlight Compensation)</li> <li>Supports privacy masks</li> </ul>	<b>Approvals</b> <ul style="list-style-type: none"> <li>CE, LVD, FCC, VCCI, C-Tick</li> <li>EN50155</li> </ul>
<b>Audio</b> <ul style="list-style-type: none"> <li>Compression: <ul style="list-style-type: none"> <li>GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps</li> <li>MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps</li> <li>G.711 audio encoding, bit rate: 64 kbps, <math>\mu</math>-Law or A-Law mode selectable.</li> </ul> </li> <li>Interface: <ul style="list-style-type: none"> <li>Built-in microphone</li> <li>External microphone input</li> <li>Audio output</li> </ul> </li> <li>Supports two-way audio</li> <li>Supports audio mute</li> </ul>	<b>Operating Environments</b> <ul style="list-style-type: none"> <li>Temperature: -25°C ~ 50°C (-13°F ~ 122°F)</li> <li>Humidity: 90% RH</li> </ul>
<b>Networking</b> <ul style="list-style-type: none"> <li>10/100/1000 Mbps Gigabit Ethernet, RJ-45</li> <li>Onvif support</li> <li>Protocols: <ul style="list-style-type: none"> <li>IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, and 802.1X</li> </ul> </li> </ul>	<b>Viewing System Requirements</b> <ul style="list-style-type: none"> <li>OS: Microsoft Windows 7/Vista/XP/2000</li> <li>Browser: Mozilla Firefox, Internet Explorer 6.x or above</li> <li>Cell phone: 3GPP player</li> <li>Real Player: 10.5 or above</li> <li>Quick Time: 6.5 or above</li> </ul>
<b>Alarm and Event Management</b> <ul style="list-style-type: none"> <li>Quintuple window video motion detection</li> <li>Tamper detection</li> <li>One D/I and one D/O for external sensor and alarm</li> <li>Event notification using HTTP, SMTP or FTP</li> <li>Local recording of MP4 file</li> </ul>	<b>Installation, Management, and Maintenance</b> <ul style="list-style-type: none"> <li>Installation Wizard 2</li> <li>32-CH ST7501 recording software</li> <li>Supports firmware upgrade</li> </ul>
<b>On-board Storage</b> <ul style="list-style-type: none"> <li>MicroSD/SDHC/SDXC card slot</li> <li>Stores snapshots and video clips</li> </ul>	<b>Applications</b> <ul style="list-style-type: none"> <li>SDK available for application development and system integration</li> </ul>
	<b>Warranty</b> <ul style="list-style-type: none"> <li>36 months</li> </ul>
	<b>Dimension</b> <ul style="list-style-type: none"> <li>Camera: <math>\varnothing</math>145 mm (D) x 52 mm (H)</li> </ul> 

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**SUPREME**  
A NEW DEFINITION OF HD



# Fisheye Network Camera FE8171V

3.1MP • 360° Surround View • Vandal-proof



VIVOTEK FE8171V is the first fisheye fixed dome network camera from VIVOTEK, featuring detailed 3.1MP-resolution sensor with superb image quality. Equipped with a fisheye lens for 180° panoramic view (wall mount) or 360° surround view (ceiling/floor/table mount) without blind spots, this camera is able to provide an 8X wider field of view than a standard VGA camera. It is extremely suitable for monitoring open areas such as airports, shopping malls, parking lots, retail stores, offices and more.

The FE8171V offers various display layouts, including original surround view, panoramic view, and regional view for various mounting applications. With the latest cutting-edge image processing capability, hemispherical images captured from the fisheye camera can be converted into conventional rectilinear projection for viewing and analysis. In addition, in both of the panoramic as well as regional viewing modes, users can utilize the ultra-smooth ePTZ function to easily zoom in and focus on a region of interest (ROI).

As with all VIVOTEK true day/night cameras, the FE8171V features a removable IR-cut filter, maintaining clear images 24 hours a day. Its IP66-rated housing is designed to help the camera body withstand rain and dust and ensures operation under a multitude of harsh weather conditions. Additionally, the vandal-proof IK10-rated housing effectively provides robust protection from vandalism. Together with 802.3af compliant PoE, microSD/SDHC/SDXC card slot for on-board storage, EN50155 mobile surveillance and iPad applications, the FE8171V is indisputably the top choice for constructing a robust surveillance system with the greatest coverage possible.