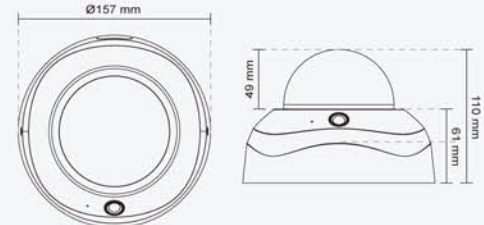


Technical Specifications

System <ul style="list-style-type: none"> CPU: Multimedia SoC Flash: 16MB RAM: 256MB Embedded OS: Linux 2.6 	Networking <ul style="list-style-type: none"> 10/100 Mbps Ethernet, RJ-45 Onvif support Protocols: IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, TP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, and 802.1X
Lens <ul style="list-style-type: none"> Board lens, vari-focal, f = 3 ~ 9 mm, F1.2 (wide), F2.1 (tele), auto-iris Removable IR-cut filter for day & night function 	Alarm and Event Management <ul style="list-style-type: none"> Triple-window video motion detection Tamper detection One D/I and one D/O for external sensor and alarm PIR (Passive Infrared Sensor) for human detection Event notification using HTTP, SMTP or FTP Local recording of MP4 file
Angle of View <ul style="list-style-type: none"> 31.7° ~ 93.0° (horizontal) 23.8° ~ 68.4° (vertical) 39.6° ~ 118.9° (diagonal) 	On-board Storage <ul style="list-style-type: none"> MicroSD/SDHC card slot Stores snapshots and video clips
Shutter Time <ul style="list-style-type: none"> 1/5 sec. to 1/32,000 sec. 	Security <ul style="list-style-type: none"> Multi-level user access with password protection IP address filtering HTTPS encrypted data transmission 802.1X port-based authentication for network protection
Image Sensor <ul style="list-style-type: none"> 1/2.7" progressive scan CMOS sensor in 1920x1080 resolution 	Users <ul style="list-style-type: none"> Live viewing for up to 10 clients
Minimum Illumination <ul style="list-style-type: none"> 0.08 Lux @ F1.2 (Color) 0.001 Lux @ F1.2 (B/W) 	Weight <ul style="list-style-type: none"> Net: 765 g
IR Illuminators <ul style="list-style-type: none"> Built-in IR illuminators, effective up to 15 meters IR LED*18 	LED Indicator <ul style="list-style-type: none"> System power and status indicator
Video <ul style="list-style-type: none"> Compression: H.264, MJPEG & MPEG-4 Streaming: <ul style="list-style-type: none"> Multiple simultaneous streams H.264 streaming over UDP, TCP, HTTP or HTTPS MPEG-4 streaming over UDP, TCP, HTTP or HTTPS H.264/MPEG-4 multicast streaming MJPEG streaming over HTTP or HTTPS Supports activity adaptive streaming for dynamic frame rate control Supports video cropping for bandwidth saving Supports ePTZ for data efficiency Supports 3GPP mobile surveillance Frame rates: <ul style="list-style-type: none"> H.264: Up to 30 fps at 1920x1080 MPEG-4: Up to 30 fps at 1920x1080 MJPEG: Up to 30 fps at 1920x1080 Interface: <ul style="list-style-type: none"> Audio/Video output NTSC/PAL video output switch Focus assist button 	Approvals <ul style="list-style-type: none"> CE, LVD, FCC, VCCI, C-Tick
Image Settings <ul style="list-style-type: none"> Adjustable image size, quality and bit rate Time stamp and text caption overlay Flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance and exposure AGC, AWB, AES WDR enhanced Automatic, manual or scheduled day/night mode BLC (Backlight Compensation) Supports privacy masks 	Operating Environments <ul style="list-style-type: none"> Temperature: 0°C ~ 50°C (32°F ~ 122°F) Humidity: 90% RH
Audio <ul style="list-style-type: none"> Compression: <ul style="list-style-type: none"> GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps G.711 audio encoding, bit rate: 64 kbps, μ-Law or A-Law mode selectable Interface: <ul style="list-style-type: none"> Built-in microphone External microphone input Audio output External/Internal microphone switch Supports two-way audio Supports audio mute 	Viewing System Requirements <ul style="list-style-type: none"> OS: Microsoft Windows 7/Vista/XP/2000 Browser: Mozilla Firefox, Internet Explorer 6.x or above Cell phone: 3GPP player Real Player: 10.5 or above Quick Time: 6.5 or above
	Installation, Management, and Maintenance <ul style="list-style-type: none"> Hassle-free installation Camera angle adjustment: pan 350°, tilt 65°, rotate 350° Installation Wizard 2 32-CH ST7501 recording software Supports firmware upgrade
	Applications <ul style="list-style-type: none"> SDK available for application development and system integration
	Warranty <ul style="list-style-type: none"> 36 months
	Dimension <ul style="list-style-type: none"> Ø 157 mm x 110 mm 

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SUPREME
A NEW DEFINITION OF HD



Fixed Dome Network Camera FD8162

2MP • PIR • Focus Assist • Hassle-free Installation • WDR Enhanced



VIVOTEK FD8162 is an easy-to-use fixed dome network camera, featuring 2-Megapixel or 1080p Full HD resolution with superb image quality up to 30 fps. As a true day/night camera, the FD8162 features a removable IR-cut filter, maintaining clear images 24 hours a day. With WDR enhancement, users can identify image details in extremely bright or dark environments. It is especially suitable for monitoring wide open indoor environments such as building entrances, airports or applications requiring accurate identification.

With high-performance H.264/MPEG-4/MJPEG compression technology, the FD8162 offers extra-smooth HD video quality. For installers, properly adjusting the focus of a megapixel network camera can be difficult due to the image detail. To resolve this, the FD8162 is equipped with a focus assist button to allow users to precisely adjust the camera focus. Furthermore, the unique design of the four-step mount facilitates easy usage of the FD8162, offering more flexible, hassle-free installation and maintenance.

Together with a PIR sensor for thermal detection, 802.3af compliant PoE, tamper detection, MicroSD/SDHC card for on-board storage, video cropping and e-PTZ functionality, the FD8162 is indisputably the top choice for reliable and high performance surveillance.