

Fixed Dome Network Camera

FD8335H



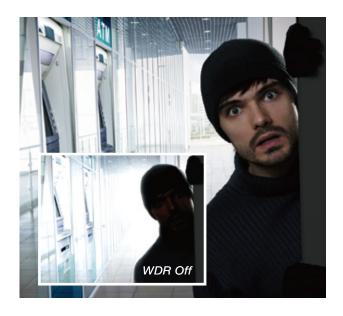
720p HD • P-iris • WDR Pro • Vandal-proof • IP66

VIVOTEK's FD8335H network camera features an HD WDR CMOS sensor to cope with challenging lighting conditions. The WDR feature allows the camera to capture both the dark and bright parts of an image and combines the differences to generate a highly realistic image representative of the original scene, enabling it to provide video quality close to the capabilities of the human eye. This function enables the FD8335H to be widely applicable in high contrast environments such as lobby entrances, parking lots, ATMs, loading areas, and much more. The P-iris lens controls the iris with extreme precision; with its built-in stepper motor, it maintains the iris opening at an optimal level at all times, resulting in superior image clarity and depth of field as well as image quality.

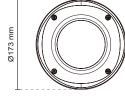
Incorporating an IR-cut filter that can be removed automatically at night and built-in IR illuminators with coverage of up to 20 meters, the FD8335H is an outstanding 24-hour surveillance solution. The vandal-proof and the IP66-rated housing of the FD8335H enables users to easily build a cost-effective IP surveillance system without additional accessories. Its metal vandal-proof housing effectively provides robust protection from vandalism. Meanwhile, the IP66 integrated housing shields the camera from dust and water, allowing it to be applied in the harsh weather conditions of outdoor environments.

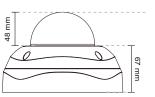
Features

- 1-Megapixel CMOS Sensor
- 30 fps @ 1280x800
- 3 ~ 9 mm Vari-focal, P-iris Lens
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 20 Meters
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Real-time H.264, MPEG-4, and MJPEG Compression (Triple Codec)
- Vandal-proof IK10-rated and Weather-proof IP66-rated Housing
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC Card Slot for On-board Storage



Technical Specifications System Information Intelligent Video CPU Video Motion Detection Multimedia SoC (System-on-Chip) Triple-window video motion detection Flash **Alarm and Event** RAM 128 MB Alarm Triggers Video motion detection, manual trigger, digital input, **Camera Features** periodical trigger, system boot, recording notify, camera tampering detection Image Sensor 1/3" Progressive CMOS Alarm Events Event notification using digital output, HTTP, SMTP, Maximum Resolution FTP and NAS server Vari-focal Lens Type File upload via HTTP, SMTP, FTP and NAS server Focal Length $f = 3 \sim 9 \text{ mm}$ Aperture F1.2 (wide), F2.1 (tele) General P-iris Smart Focus System Focus assist OSD (Network streaming) Field of View 102.68° ~ 35.4° (horizontal) RJ-45 for Network/PoE connection Connectors 61.93° ~ 22.80° (vertical) 3.5 mm phone jack*2 for audio input/output 122.56° ~ 41.11° (diagonal) Terminal block*2 for AC 24V power input Shutter Time 1/15 sec. to 1/25,000 sec. Terminal block*4 for digital input*3 WDR Technology Terminal block*2 for digital output*1 Day/Night Removable IR-cut filter for day & night function MicroSD/SDHC card slot Minimum Illumination 0.8 Lux @ F1.2, 50 IRE (Color) LED Indicator System power and status indicator 0.001 Lux @ F1.2, 50 IRE (B/W) 24V AC Power Input Pan/tilt/zoom ePTZ: IEEE 802.3af PoE Class 3 Functionalities 16x digital zoom (4x on IE plug-in, 4x built-in) Max. 8.0W Power Consumption IR Illuminators Built-in IR illuminators, effective up to 20 meters Dimensions Ø: 173 mm x 115 mm IR LED*18 Weight Net: 1414 g On-board Storage MicroSD/SDHC card slot Casing Vandal-proof IK10-rated metal housing Weather-proof IP66-rated housing Video Safety Certifications CE, LVD, FCC Class A, VCCI, C-Tick Operating Temperature -20°C ~ 50°C (-4°F ~ 122°F) Compression H.264, MJPEG & MPEG-4 Warranty 24 months Maximum Frame Rate H.264: 30 fps at 1280x800 MPEG-4: 30 fps at 1280x800 **System Requirements** MJPEG: 30 fps at 1280x800 Operating System Microsoft Windows 7/Vista/XP/2000 Maximum Streams 2 simultaneous streams Web Browser Mozilla Firefox 7 ~ 10 (streaming only) S/N Ratio Above 60.5 dB Internet Explorer 7.x or 8.x Dynamic Range 110.4 dB Other Players VLC: 1.1.11 or above Video Streaming Adjustable resolution, quality and bitrate QuickTime: 7 or above Configurable video cropping for bandwidth saving Image Settings Adjustable image size, quality and bit rate **Included Accessories** Time stamp, text overlay, flip & mirror CD User's manual, quick installation guide, Installation Configurable brightness, contrast, saturation, Wizard 2, ST7501 32-channel recording software sharpness, white balance, exposure control, gain, Others Quick installation guide, warranty card, mounting plate, backlight compensation, privacy masks alignment sticker, ceiling hole template sticker, L-type Scheduled profile settings hex key wrench, silica gel, screws, hex nut, double-sided tape, AV cable, waterproof connector & Audio bushina **Audio Capability** Audio input/output (half duplex) Compression GSM-AMR, AAC, G.711 **Dimensions** Interface External microphone input External line output Network Users Live viewing for up to 10 clients Protocols IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP,





Compatible Accessories

Mounting Kits

Interface

ONVIF



AM-518 Outdoor dome adapter

Ver. 1.02

PoE Kits

DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X

10Base-T/100 BaseTX Ethernet (RJ-45)



MS-POE-IJAF PoE Injector, 802.3af Compliant

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115 mm