



FD8366-V

Fixed Dome Network Camera



2MP • 15M IR • Smart IR • Smart Stream II • IP66 •
IK10 • NEMA 4X

VIVOTEK's FD8366-V is a compact 2-megapixel IR dome network camera equipped to provide 30 frames per second at H.264 compression. With IP66, IK10 and NEMA 4X-rated rugged design, the camera will withstand shocks, vibration, humidity, dust, and even extreme temperature fluctuations to maintain stable and reliable video no matter how harsh the environment.

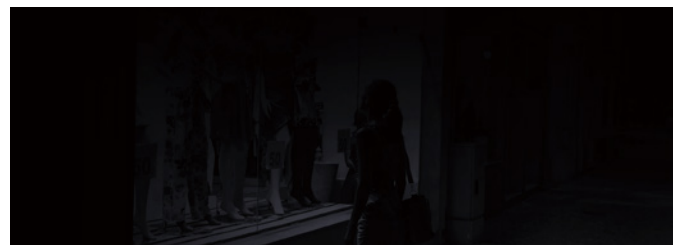
Armed with built-in IR illumination, the FD8366-V delivers superior image quality for up to 15 meters in total darkness. This all-in-one camera meets a diverse array of needs for outdoor surveillance applications, from retail stores to health care facilities.

Employing VIVOTEK's Smart Stream II technology, the FD8366-V can reduce both bandwidth and storage consumption by up to 50%* while maintaining high standards of image quality. Power over Ethernet (PoE) functionality means the camera can be operated and powered via a single Ethernet cable, allowing greater ease, and lower cost, of installation. Further, in order to facilitate on-board storage, data portability, and localized backup, the camera is equipped with a MicroSD/SDHC/SDXC card slot for local recording.

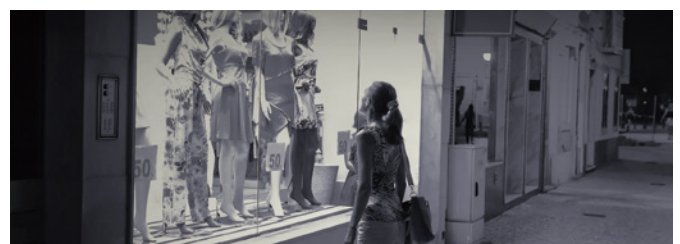
* Depending on scenes

Key Features

- 30 fps @ 1920x1080
- Built-in IR Illuminators up to 15 meters
- Smart IR Technology to Avoid Overexposure
- Smart Stream II to Optimize Bandwidth Efficiency
- Weather-proof IP66-, Vandal-proof IK10- and NEMA 4X-rated Housing
- Built-in 802.3af Compliant PoE
- Build-in MicroSD/SDHC/SDXC Card Slot for On-board Storage



IR Off



IR On

Technical Specifications

Model	FD8366-V(2.8mm): f = 2.8 mm FD8366-V(3.6mm): f = 3.6 mm		
System Information			
CPU	Multimedia SoC (System-on-Chip)		
Flash	128MB		
RAM	256MB		
Camera Features			
Image Sensor	1/2.9" Progressive CMOS		
Max. Resolution	1920x1080		
Lens Type	Fixed-focal		
Focal Length	FD8366-V(2.8mm): f = 2.8 mm FD8366-V(3.6mm): f = 3.6 mm		
Aperture	FD8366-V(2.8mm): F1.8 FD8366-V(3.6mm): F2.1		
Iris type	Fixed-iris		
Field of View	FD8366-V(2.8mm): 113° (Horizontal) 63° (Vertical) 136° (Diagonal) FD8366-V(3.6mm): 77° (Horizontal) 41° (Vertical) 82° (Diagonal)		
Shutter Time	1/5 sec. to 1/32,000 sec.		
WDR Technology	WDR Enhanced		
Day/Night	Yes		
Removable IR-cut filter	Yes		
IR Illuminators	Built-in IR Illuminators up to 15 meters, IR LED*4		
Minimum Illumination	FD8366-V(2.8mm): 0.16 Lux @ F1.8 (Color) < 0.01 Lux @ F1.8 (B/W) 0 Lux with IR illumination on FD8366-V(3.6mm): 0.18 Lux @ F2.1 (Color) < 0.01 Lux @ F2.1 (B/W) 0 Lux with IR illumination on		
Tilt Range	0° ~ 80°		
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)		
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording		
Video			
Compression	H.264, MJPEG		
Maximum Frame Rate	30 fps @ 1920x1080 60 fps @ 1280x720		
Maximum Streams	4 simultaneous streams		
S/N Ratio	FD8366-V(2.8mm): 50dB FD8366-V(3.6mm): 56dB		
Dynamic Range	70dB		
Video Streaming	Adjustable resolution, quality and bitrate; Smart Stream II		
		Adjustable image size, quality and bit rate; Time stamp, text overlay, flip & mirror; Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks; Scheduled profile settings, 3DNR, video rotation, defog	
Image Settings			
Audio			
Audio Capability	One-way Audio		
Compression	G.711, G.726		
Interface	Built-in microphone		
Effective Range	5 meters		
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, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS, NTCIP, CIFS/SMB		
Interface	10 Base-T/100 Base-TX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.		
ONVIF	Supported, specification available at www.onvif.org		
Intelligent Video			
Video Motion Detection	Five-window video motion detection		
Alarm and Event			
Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection		
Alarm Events	Event notification using HTTP, SMTP, FTP, NAS server and MicroSD Card File upload via HTTP, SMTP, FTP, NAS server and MicroSD Card		
General			
Connectors	RJ-45 cable connector for 10/100Mbps Network/PoE connection Built-in microphone*1 Digital input*1		
LED Indicator	System power and status indicator		
Power Input	IEEE 802.3af PoE Class 0		
Power Consumption	Max. 5.3 W		
Dimensions	Ø 110 x 57 mm		
Weight	370 g		
Casing	IP66, IK10, NEMA 4X		
Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, NEMA 4X, UL		
Operating Temperature	Starting Temperature: -25°C ~ 55°C (-13°F ~ 131°F) Working Temperature: -25°C ~ 55°C (-13°F ~ 131°F)		
Humidity	90%		

Technical Specifications

Warranty 24 months

System Requirements

Operating System Microsoft Windows 8/7

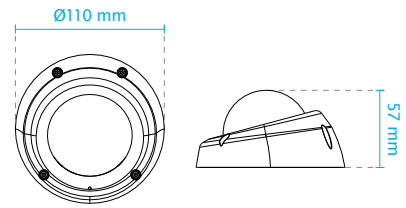
Web Browser Mozilla Firefox 7~43 (streaming only)
Internet Explorer 10/11

Other Players VLC: 1.1.11 or above
Quicktime: 7 or above

Included Accessories

Others Quick installation guide, warranty card,
alignment sticker, screwdriver, accessories
bag

Dimensions



Compatible Accessories

Cable



AO-005
Power Cable with DVI
(60 cm)