



FD9380-H

Fixed Dome Network Camera



5MP • SNV • WDR Pro • Smart IR • 30M IR •
Smart Stream III • IP66

VIVOTEK's FD9380-H is a H.265 outdoor dome network camera equipped with a 5-Megapixel sensor, enabling resolution of 2560x1920 at 20 fps. Featuring VIVOTEK SNV and WDR Pro technology, the FD9380-H is capable of capturing high-quality imagery in both high contrast and low light environments.

The FD9380-H deploys a 3.6mm lens and is equipped with IR illuminators with a 30-meter effective range for better night visibility. Further, to provide reliable coverage in harsh outdoor environments, the FD9380-H is encased in IP66 and IK10 housing.

By employing VIVOTEK's Smart Stream III technology and H.265 codec support, the FD9380-H is able to reduce bandwidth usage by up to 90%* while maintaining supreme image quality. Additionally, the VADP (VIVOTEK Application Development Platform) allows users to customize applications for the ever-expanding number of user scenarios in a diversifying surveillance market.

* Depending on scenes

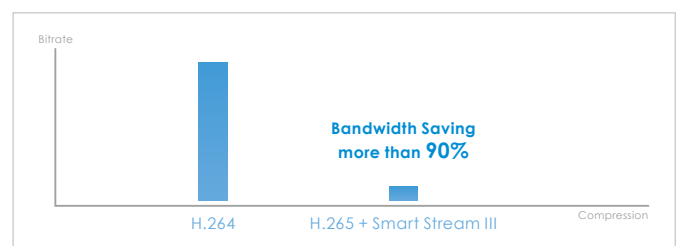
Key Features

- H.265 Compression Technology
- 20 fps @ 2560x1920 (WDR Pro on)
- SNV (Supreme Night Visibility) for Low Light Conditions
- WDR Pro for Unparalleled Visibility in Extremely Bright and Dark Environments
- Smart Stream III to Optimize Bandwidth Efficiency
- Built-in IR Illuminators, Effective up to 30 Meters
- Trend Micro IoT Security
- Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage



Without WDR Pro

With WDR Pro



H.265 + Smart Stream III, Ultra-low Bandwidth

Technical Specifications

Model	FD9380-H		
System Information			
CPU	Multimedia SoC (System-on-Chip)		
Flash	128MB		
RAM	512MB		
Camera Features			
Image Sensor	1/2.7" Progressive CMOS		
Max. Resolution	2560x1920 (5MP)		
Lens Type	Fixed-focal		
Focal Length	f = 3.6 mm		
Aperture	F2.0		
Iris type	Fixed-iris		
Field of View	76° (Horizontal) 59° (Vertical) 100° (Diagonal)		
Shutter Time	1/5 sec. to 1/32,000 sec.		
WDR Technology	WDR Pro		
Day/Night	Yes		
Removable IR-cut filter	Yes		
IR Illuminators	Built-in IR Illuminators up to 30 meters with Smart IR, IR LED*2		
Minimum Illumination	0.03 lux @ F2.0 (Color) <0.005 lux @ F2.0 (B/W) 0 Lux with IR illumination on		
Pan Range	350°		
Tilt Range	75°		
Rotation Range	350°		
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.265, H.264, MJPEG		
Maximum Frame Rate	20 fps @ 2560x1920		
Maximum Streams	3 simultaneous streams		
S/N Ratio	67 dB		
Dynamic Range	120 dB		
Video Streaming	Adjustable resolution, quality and bitrate, Smart Stream III		
		Image Settings	Time stamp, text overlay, flip & mirror; Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks; Scheduled profile settings, HLC, defog, 3DNR; video rotation
Network			
Users		Users	Live viewing for up to 10 clients
Protocols		Protocols	802.1X, ARP, CIFS/SMB, CoS, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS, UDP, UPnP
Interface		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		ONVIF	Supported, specification available at www.onvif.org
Intelligent Video			
Video Motion Detection		Video Motion Detection	Five-window video motion detection
VADP Package		VADP Package	Trend Micro IoT Security, Stratocast
Alarm and Event			
Alarm Triggers		Alarm Triggers	Motion detection, periodical trigger, system boot, recording notification, camera tampering detection, manual trigger, SD card life expectancy, cybersecurity events (brute force attack event, cyberattack event, quarantine event)
Alarm Events		Alarm Events	Event notification via email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card
General			
Connectors		Connectors	RJ-45 cable connector for Network 10/100 Mbps PoE connection*1
LED Indicator		LED Indicator	System power and status indicator
Power Input		Power Input	IEEE 802.3af PoE Class 2
Power Consumption		Power Consumption	Max. 6.49 W (IR on) Max. 3.69 W (IR off)
Dimensions		Dimensions	Ø 117.2 x 89.6 mm
Weight		Weight	540 g
Casing		Casing	IP66, IK10(Housing)
Safety Certifications		Safety Certifications	CE, FCC Class B, UL, LVD, VCCI, C-Tick
Operating Temperature		Operating Temperature	Starting Temperature: -10°C ~ 60°C (14°F ~ 140°F) Working Temperature: -30°C ~ 60°C (-22°F ~ 140°F)
Humidity		Humidity	90%
Warranty		Warranty	24 months
System Requirements			

Technical Specifications

Operating System	Microsoft Windows 8/7 Mac 10.12 (Chrome only)
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Web Browser	Chrome 58.0 or above Internet Explorer 10/11
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Other Players	VLC: 1.1.11 or above QuickTime: 7 or above
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Included Accessories

Others	Quick installation guide, alignment sticker, screw pack, cable gland
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Dimensions

