



FD9381-HTV/EHTV Fixed Dome Network Camera

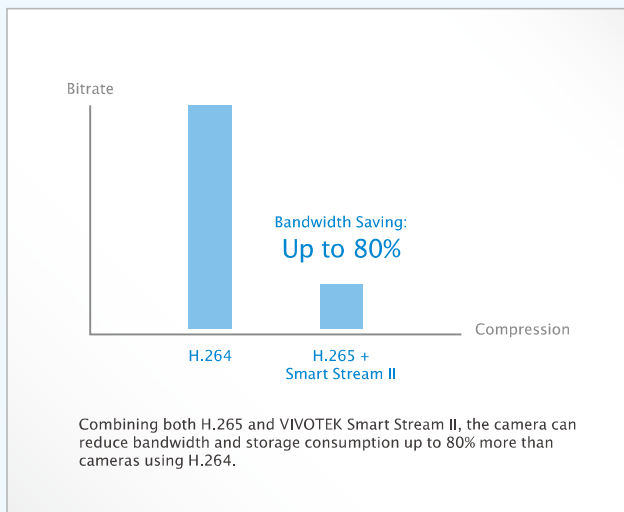


5MP · H.265 · Smart Stream II · 1080p 60 fps · WDR Pro ·
SNV · IP66 · IK10 · Extreme Weather · P-iris · 30M IR

VIVOTEK's FD9381-HTV and FD9381-EHTV are two brand-new professional H.265 high-efficiency outdoor dome network cameras, offering 30 fps @ 5-Megapixel or 60 fps @ 1080p with outstanding image quality. By employing H.265 technology, these cameras are able to provide higher and more efficient image compression rates than previous H.264 systems. In addition, VIVOTEK's sophisticated Smart Stream II technology enables the cameras to optimize quality for desired regions and therefore to maximize efficiency of bandwidth usage. Combining both H.265 and Smart Stream II, the FD9381-HTV and FD9381-EHTV can reduce bandwidth and storage consumption by up to 80%* while retaining exceptional 5-Megapixel image quality.

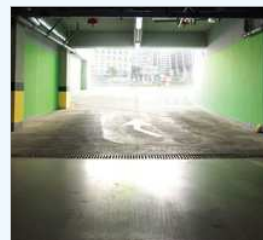
As professional day/night cameras, the FD9381-HTV and FD9381-EHTV are also equipped with WDR Pro and SNV, empowering users to enjoy superb image-detail in all lighting conditions. Additionally, robust IP66-rated housing ensures the ability of these advanced cameras to withstand rain and dust, thus guaranteeing smooth operation no matter how harsh the weather conditions. The cameras' IK10-rated housing will also provide protection against acts of vandalism and other physical impacts. Finally, a wide operating temperature range further enhances the performance and reliability of the FD9381-EHTV in both extremely cold and extremely warm weather, even while using PoE.

* Depending on scenes



Key Features

- H.265 Compression Technology
- 1/1.8" Progressive CMOS Sensor
- 30 fps @ 2560x1920, 60 fps @ 1920x1080
- Smart Stream II to Optimize Bandwidth Efficiency
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Built-in IR Illuminators, Effective up to 30 Meters
- Remote Focus for Easy Focus Adjustments
- Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
- Extreme Weather Support with PoE
- SNV (Supreme Night Visibility) for Low Light Conditions
- P-iris Lens
- Video Rotation for Corridor View
- DIS (Digital Image Stabilization)



Parking Lot



Low Light



Extreme Weather



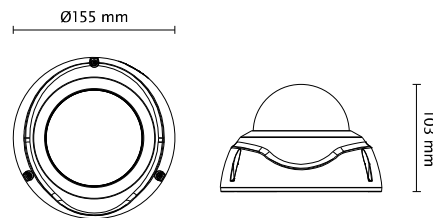
Outdoor Entrance

Technical Specifications

Model	FD9381-HTV: Remote Focus FD9381-EHTV: Remote Focus, Extreme Weather	Alarm and Event	
System Information		Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
CPU	Multimedia SoC (System-on-Chip)	Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server, SD Card File upload via HTTP, SMTP, FTP, NAS server and SD card
Flash	128MB	General	
RAM	512MB	Smart Focus System	Remote Focus
Camera Features		Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output DC 12V power input Digital input*1 Digital output*1
Image Sensor	1/1.8" Progressive CMOS	LED Indicator	System power and status indicator
Maximum Resolution	2560x1920 (SMP)	Power Input	DC12V FD9381-HTV: IEEE 802.3af/at PoE Class 0 FD9381-EHTV: IEEE 802.3at PoE Class 4
Lens Type	Vari-Focal	Power Consumption	FD9381-HTV: Max. 12.8 W FD9381-EHTV: Max. 25.5 W (Heater on)
Focal Length	f = 4 ~ 9 mm	Dimensions	Ø 155 x 103 mm
Aperture	F1.3 ~ F2.2	Weight	FD9381-HTV: 927 g FD9381-EHTV: 928 g
Auto-iris	P-iris	Casing	Weather-proof IP66-rated housing Vandal-proof IK10-rated metal housing
Field of View	45° ~ 93° (Horizontal) 34° ~ 68° (Vertical) 64° ~ 121° (Diagonal)	Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick, UL
Shutter Time	1/5 sec. to 1/32,000 sec.	Operating Temperature	FD9381-HTV: Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F) FD9381-EHTV: Starting Temperature: -40°C ~ 50°C (-40°F ~ 122°F) Working Temperature: -50°C ~ 50°C (-58°F ~ 122°F)
WDR Technology	WDR Pro	Humidity	90%
Day/Night	Removable IR-cut filter for day & night function	Warranty	36 months
Minimum Illumination	0.04 Lux @ F1.3 (Color) 0.001 Lux @ F1.3 (B/W)	System Requirements	
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)	Operating System	Microsoft Windows 8/7/Vista/XP/2000
IR Illuminators	30 meters	Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7/8/9/10/11
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Video		Included Accessories	
Compression	H.265 & H.264 & MJPEG	CD	User's manual, quick installation guide, Installation Wizard 2, VAST
Maximum Frame Rate	H.265 & H.264: 30 fps @ 2560x1920 60 fps @ 1920x1080 MJPEG: 12 fps @ 2560x1920 30 fps @ 1920x1080	Others	Quick installation guide, screw pack, alignment sticker, desiccant bag, water-proof connectors, conduit connector, CD
Maximum Streams	4 simultaneous streams		
S/N Ratio	57 dB		
Dynamic Range	100 dB		
Video Streaming	Adjustable resolution, quality and bitrate Smart Stream II		
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, 3DNR, video rotation, defog, DIS		
Audio			
Audio Capability	Two-Way Audio (full duplex)		
Compression	G711, G726		
Interface	External microphone input Audio 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, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, SSL, TLS		
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, specifications available at www.onvif.org		
Intelligent Video			
Video Motion Detection	Five-window video motion detection		
VCA*	Line crossing detection, field detection, loitering detection		

* Available per project request.

Dimensions



Compatible Accessories

Mounting Kits



AM-51C (v01)
Adapter Ring



AM-525 (v01)
Mounting Adapter



AM-713 (v01)
Conduit Box



AP-FXC-0251
PoE Extender with
Conduit Box

PoE Kits

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