



FD9371-HTV/EHTV

Fixed Dome Network Camera

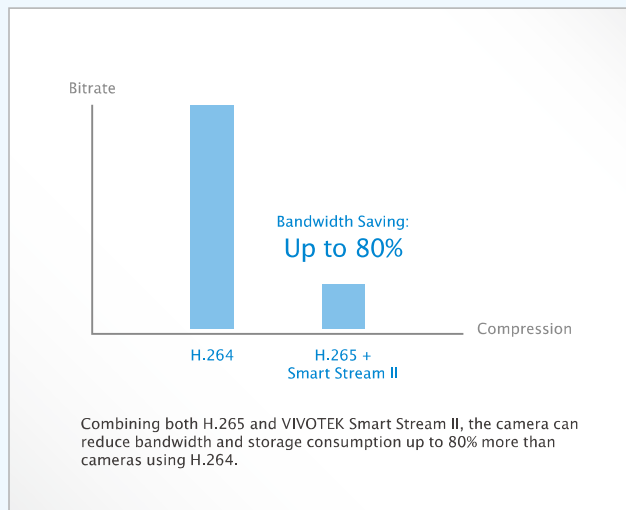


3MP · H.265 Compression · Smart Stream II · Bandwidth Saving · WDR Pro · SNV · IP66 · IK10 · Extreme Weather · P-iris · 30M IR · DIS

VIVOTEK's FD9371-HTV and FD9371-EHTV are two brand-new professional H.265 high-efficiency outdoor dome network cameras, offering 30 fps @ 3-Megapixel with outstanding image quality. Employing H.265 technology enables the cameras to provide higher and more efficient image compression rates than previous H.264 systems. In addition, VIVOTEK's sophisticated Smart Stream II enables the cameras to optimize resolution for a desired object or area and therefore to maximize efficiency of bandwidth usage. Combining both H.265 and Smart Stream II, the FD9371-HTV and FD9371-EHTV can reduce both bandwidth and storage consumption up to 80%* while maintaining image quality of the high standard.

As professional day/night cameras, the FD9371-HTV and FD9371-EHTV are also equipped with WDR Pro and SNV, empowering users to enjoy superb image-detail in any lighting condition. Additionally, IP66-rated housing ensures the ability of these advanced cameras to withstand rain and dust, thus guaranteeing smooth operation even under a multitude of harsh weather conditions. The cameras' IK10-rated housing can also provide protection against acts of vandalism and other impacts. Finally, a wide operating temperature range further enhances the performance and reliability of the FD9371-EHTV in both extremely cold and warm weather, even while using PoE.

* Depending on scenes



Key Features

- H.265 Compression Technology
- 1/2.8" Progressive CMOS Sensor
- 30 fps @ 2048x1536
- 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
- Video Rotation for Corridor View
- P-iris Lens
- DIS (Digital Image Stabilization)



Parking Lot



Low Light



Arctic Weather







Outdoor Entrance

Technical Specifications

Model	FD9371-HTV: Remote Focus FD9371-EHTV: Remote Focus, Extreme Weather	Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
System Information		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
CPU	Multimedia SoC (System-on-Chip)	General	
Flash	128 MB	Smart Focus System	Remote focus
RAM	512 MB	Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output DC 12V power input Digital input*1 Digital output*1
Camera Features		LED Indicator	System power and status indicator
Image Sensor	1/2.8" Progressive CMOS	Power Input	12V DC FD9371-HTV: IEEE 802.3af/at PoE, Class 0 FD9371-EHTV: IEEE 802.3at PoE, Class 4
Maximum Resolution	2048x1536 (3MP)	Power Consumption	FD9371-HTV: Max. 12 W FD9371-EHTV: Max. 24.7 W (Heater on)
Lens Type	Vari-Focal	Dimensions	Ø 155 x 103 mm
Focal Length	f = 3 ~ 9 mm	Weight	FD9371-HTV: 927 g FD9371-EHTV: 928 g
Aperture	F1.2 ~ F2.3	Casing	Weather-proof IP66-rated housing Vandal-proof IK10-rated metal housing
Auto-iris	P-iris	Safety Certifications	CE, LVD, FCC Class A, VCCI, C-Tick, UL
Field of View	41° ~ 86° (Horizontal) 31° ~ 64° (Vertical) 51° ~ 113° (Diagonal)	Operating Temperature	FD9371-HTV: Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F) FD9371-EHTV: Starting Temperature: -40°C ~ 50°C (-40°F ~ 122°F) Working Temperature: -50°C ~ 50°C (-58°F ~ 122°F)
Shutter Time	1/5 sec. to 1/16000 sec.	Humidity	90%
WDR Technology	WDR Pro	Warranty	36 months
Day/Night	Removable IR-cut filter for day & night function	System Requirements	
Minimum Illumination	0.01 Lux @ F1.2 (Color) 0.001 Lux @ F1.2 (B/W)	Operating System	Microsoft Windows 8/7/Vista/XP/2000
Par/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)	Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7/8/9/10/11
IR Illuminators	30 meters	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording	Included Accessories	
Video		CD	User's manual, quick installation guide, Installation Wizard 2, VAST
Compression	H.265 & H.264 & MJPEG	Others	Quick installation guide, screw pack, alignment sticker, desiccant bag, water-proof connectors
Maximum Frame Rate	H.264 & H.265 30fps @ 2048x1536 MJPEG 15fps @ 2048x1536	Dimensions	
Maximum Streams	3 simultaneous streams		
S/N Ratio	43 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		
Alarm and Event			

* Available per project request.

Compatible Accessories

Mounting Kits		PoE Kits	
	AM-51C (v01) Adapter Ring		AM-525 (v01) Mounting Adapter
	AM-713 Conduit Box		AP-FXC-0251 PoE Extender with Conduit Box

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