



FD9171-HT

Fixed Dome Network Camera

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

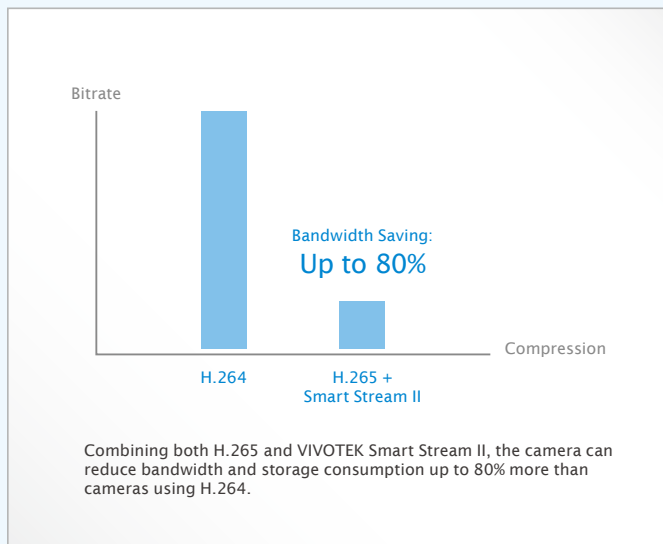
VIVOTEK's FD9171-HT is a brand-new professional H.265 high-efficiency indoor dome network camera, offering 30 fps @ 3-Megapixels with outstanding image quality. Employing H.265 technology enables the camera to provide higher and more efficient image compression rates than previous H.264 systems. In addition, VIVOTEK's sophisticated Smart Stream II enables the camera to optimize resolution for a desired object or area and therefore to maximize efficiency of bandwidth usage. Combining H.265 and Smart Stream II, the FD9171-HT can reduce both bandwidth and storage consumption up to 80%* while producing image quality of the high standard.

To meet the demands of indoor applications, VIVOTEK's FD9171-HT features a built-in PIR sensor to help detect any unexpected events and to provide real-time responses .

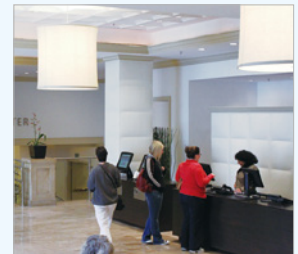
* Depending on scenes

Key Features

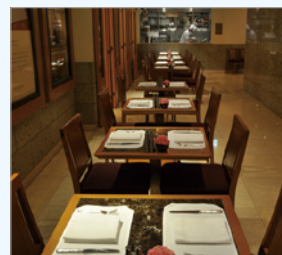
- H.265 Compression Technology
- 1/2.8" Progressive CMOS Sensor
- 30 fps @ 2048x1536
- Smart Stream II to Optimize Bandwidth Efficiency
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Built-in IR Illuminators, Effective up to 30 Meters
- Remote Focus for Easy Focus Adjustments
- SNV (Supreme Night Visibility) for Low Light Conditions
- PIR
- Video Rotation for Corridor View
- P-iris Lens
- DIS (Digital Image Stabilization)



Banking



Hotel



Restaurant

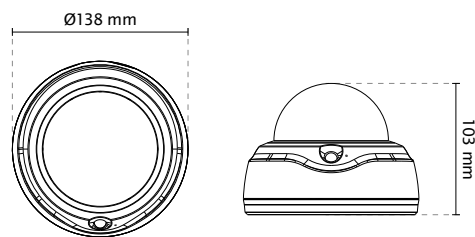


Stores

Technical Specifications

Model	FD9171-HT	ONVIF	Supported, specifications available at www.onvif.org
System Information		Intelligent Video	
CPU	Multimedia SoC (System-on-Chip)	Video Motion Detection	Five-window video motion detection
Flash	128MB	Alarm and Event	
RAM	512MB	Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
Camera Features		Alarm Events	Event notification using digital output, HTTP, SMTP, FTP, NAS server, and MicroSD Card File upload via HTTP, SMTP, FTP, NAS server and MicroSD card
Image Sensor	1/2.8" Progressive CMOS	General	
Maximum Resolution	2048x1536 (3MP)	Smart Focus System	Remote Focus
Lens Type	Vari-Focal	Connectors	
Focal Length	f=3~9 mm	RJ-45 cable connector for Network/PoE connection Audio input Audio output DC 12V power in/out Digital input*1 Digital output*1	
Aperture	F1.2~F2.3	LED Indicator	System power and status indicator
Auto-iris	P-Iris	Power Input	12V DC IEEE 802.3af/at PoE, Class 0
Field of View	41° ~ 86° (Horizontal) 31° ~ 64° (Vertical) 51° ~ 113° (Diagonal)	Power Consumption	Max. 12W
Shutter Time	1/5 sec. to 1/16000 sec.	Dimensions	Ø 138 x 103 mm
WDR Technology	WDR Pro	Weight	530 g
Day/Night	Removable IR-cut filter for day & night function	Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL
Minimum Illumination	0.01 Lux @ F1.2 (Color) 0.001 Lux @ F1.2 (B/W)	Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)	Humidity	90%
IR Illuminators	30 meters	Warranty	36 months
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording	System Requirements	
Video		Operating System	Microsoft Windows 8/7
Compression	H.265 & H.264 & MJPEG	Web Browser	Mozilla Firefox 7~43 (streaming only) Internet Explorer 10/11
Maximum Frame Rate	H.264 & H.265: 30fps@ 2048x1536 MJPEG: 15fps@ 2048x1536	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Maximum Streams	3 simultaneous streams	Included Accessories	
S/N Ratio	60 dB	CD	User's manual, quick installation guide, Shepherd, VAST
Dynamic Range	100 dB	Others	Quick installation guide, screw pack, alignment sticker
Video Streaming	Adjustable resolution, quality and bitrate Smart Stream II	Image Settings	
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		Audio Capability	Two-Way Audio (full duplex)
Audio Capability	Two-Way Audio (full duplex)	Compression	G711, G726
Compression	G711, G726	Interface	Built-in microphone External line input External line output
Interface	Built-in microphone External line input External line output	Effective Range	5 meters
Effective Range	5 meters	Network	
Network		Users	Live viewing for up to 10 clients
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, CIFS/SMB
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, CIFS/SMB	Interface	10 Base-T/100 BaseTX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard
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Dimensions



Compatible Accessories

Mounting Kits



AM-215 (v02)
L Shape Bracket



AM-514 (v01)
Adapter Ring



AM-527 (v01)
Mounting Adapter



AM-712
Conduit Box



AP-FXC-0201
PoE Extender with
Conduit Box

PoE Kits