



FD9181-HT

Fixed Dome Network Camera



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

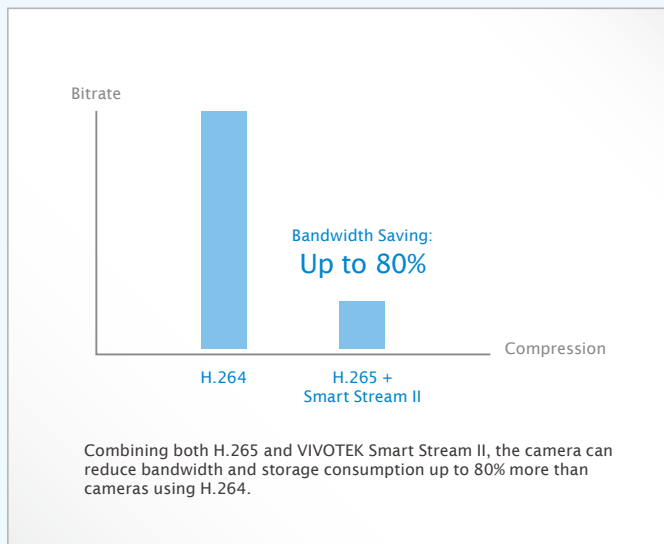
VIVOTEK's FD9181-HT is a brand-new professional H.265 high-efficiency indoor dome network camera, offering 30 fps @ 5-Megapixel or 60 fps @ 1080p with outstanding image quality. By employing H.265 technology, the camera is able to provide higher and more efficient image compression rates than previous 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 FD9181-HT can reduce bandwidth and storage consumption by up to 80%* while retaining exceptional 5-Megapixel image quality.

To meet the demands of indoor applications, VIVOTEK's FD9181-HT features a built-in PIR sensor to help detect any unexpected events and to provide real-time responses .

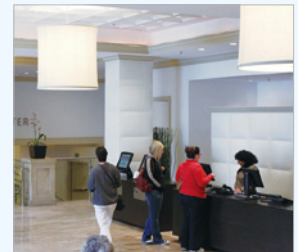
* Depending on scenes

Key Features

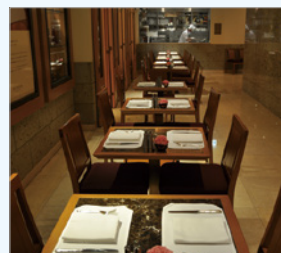
- H.265 Compression Technology
- 1/1.8" Progressive CMOS Sensor
- 30 fps @ 2560x1920, 60 fps @ 1920x1080
- Smart Stream II to Optimize Bandwidth Efficiency
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Built-in IR Illuminators, Effective up to 30 Meters
- Remote Focus for Easy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



Bank



Hotel

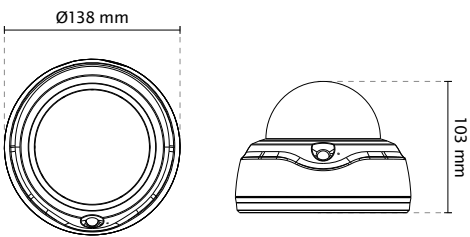


Restaurant



Store

Technical Specifications

Model	FD9181-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	VCA*	Line crossing detection, field detection, loitering detection
RAM	512MB	Alarm and Event	
Camera Features		Alarm Triggers	Motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
Image Sensor	1/1.8" Progressive CMOS	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
Maximum Resolution	2560x1920 (5MP)	General	
Lens Type	Vari-Focal	Smart Focus System	Remote Focus
Focal Length	f = 4 ~ 9 mm	Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output DC 12V power input Digital input*1 Digital output*1
Aperture	F1.3 ~ F2.2	LED Indicator	System power and status indicator
Auto-iris	P-iris	Power Input	DC12V IEEE 802.3af/at PoE Class 0
Field of View	45° ~ 93° (Horizontal) 34° ~ 68° (Vertical) 64° ~ 121° (Diagonal)	Power Consumption	Max. 12.8 W
Shutter Time	1/5 sec. to 1/32,000 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	0.04 Lux @ F1.3 (Color) 0.001 Lux @ F1.3 (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/Vista/XP/2000
Compression	H.265 & H.264 & MJPEG	Web Browser	Mozilla Firefox 7~10 (streaming only) Internet Explorer 7/8/9/10/11
Maximum Frame Rate	H.265 & H.264: 30 fps @ 2560x1920 60 fps @ 1920x1080 MJPEG: 12 fps @ 2560x1920 30 fps @ 1920x1080	Other Players	VLC: 1.1.11 or above Quicktime: 7 or above
Maximum Streams	4 simultaneous streams	Included Accessories	
S/N Ratio	57 dB	CD	User's manual, quick installation guide, Installation Wizard 2, VAST
Dynamic Range	100 dB	Others	Quick installation guide, screw pack, alignment sticker, CD
Video Streaming	Adjustable resolution, quality and bitrate Smart Stream II	Dimensions	
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	Internal microphone input Audio output		
Effective Range	5m		
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 BaseTX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.		

* Available per project request.

Compatible Accessories

Mounting Kits



AM-215 (v02)
L Shape Bracket



AM-514
Adapter Ring



AM-527 (v01)
Mounting Adapter



AM-712 (v03)
Conduit Box



AP-FXC-0201
PoE Extender with
Conduit Box

PoE Kits

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