



VIVOTEK Fixed Dome Network Camera FD9182-H Specifications

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VIVOTEK Fixed Dome Network Camera FD9182-H



Features:

- 5MP
- SNV
- WDR Pro
- Smart Stream III
- Recessed Mount
- 1/2.7" Progressive CMOS Sensor
- 20 fps @ 2560×1920
- Smart Stream III to Optimize Bandwidth Efficiency
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- SNV (Supreme Night Visibility) for Low Light Conditions.

Technical Specifications

System Information

Model FD9182-H

CPU Multimedia SoC (System-on-Chip)

Flash 128 MB

RAM 512 MB

Camera Features

- Image Sensor 1/2.7" Progressive CMOS
- Max. Resolution 2560×1920 (5MP)
- Lens Type Fixed-focal
- Focal Length $f = 2.8 \text{ mm}$
- Aperture F2.0
- Iris Type Fixed Iris
- Field of View 103° (Horizontal) 76° (Vertical) 134° (Diagonal)
- Shutter Time 1/5 sec. to 1/32,000 sec.
- WDR Technology WDR Pro
- Day /Night Yes
- Removable IR-cut Filter Yes
- Minimum Illumination 0.03 lux @ F2.0 (Color) <0.005 lux @ F2.0 (B/W)
- Pan Range $\pm 80^\circ$
- Tilt Range 65°
- Pan/Tilt/Zoom Functionalities ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)
- Storage: Seamless Recording to MicroSD/SDHC/SDXC card and recording to network-attached storage (NAS)

Video

- Video Compression H.265, H.264, MJPEG
- Maximum Frame Rate 20 fps @ 2560×1920
- Maximum Streams 3 video streams (Up to 8 configurable profiles)

- S/N Ratio 65 dB
- Dynamic Range 120 dB
- Video Streaming: Adjustable resolution, quality and bit rate control, Smart Stream III
- Image Settings:

General settings: video title and time stamp overlay, video orientation (flip, mirror, rotation), day /night settings;
Image settings: white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, 3DNR; Exposure: BLC, HLC, exposure control (exposure level, exposure time, gain control), AE speed adjustment, WDR; Privacy mask; Scheduled profile settings.

Audio

Audio Capability: One-way Audio
Audio Compression: G.711, G.726
Audio Interface: Built-in microphone
Effective Range: 5 meters

Network

Users Live: viewing for up to 10 clients
Security: Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event, quarantine event), user access log, user account management
Protocols: 802.1X, ARP, Bonjour, CIFS/SMB, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMPv 3, IPv4, IPv6, NTP, PPPoE, QoS (CoS/DSCP), RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS 1.2, UDP, UPnP.
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: Profile G, S, T supported, specification available at www.onvif.org

Solution Integration

Video Motion Detection: Five-window video motion detection
VADP Package: Stratocast, Trend Micro IoT Security (1-year free trial), VIVOCLOUD

Alarm and Event

Event Trigger: Audio detection, camera tampering detection, cybersecurity events (brute force attack event, cyberattack event, quarantine event), manual trigger, motion detection, periodical trigger, recording notification, SD card life expectancy, system boot
Event Action: Event notification via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card.

General

Connectors: RJ-45 cable connector for 10/100Mbps Network/PoE connection
LED Indicator: System power and status indicator
Power Input: IEEE 802.3af PoE Class 2
Power Consumption: Max. 3.6 W
Dimensions: Ø 82 x 122 mm
Weight: 353 g
Certifications: EMC: CE (EN 55032 Class B, EN 55024), FCC (FCC Part 15 Subpart B Class B), RCM (AS/NZS CISPR 32 Class B), VCCI (VCCI-CISPR 32 Class B); Safety: UL (UL 62368-1), CB (IEC/EN 62368-1, IEC/EN 60950-22, IEC/EN 62471); Environment: IK10 (IEC 62262); IA: BIS (IS 13252)
Operating Temperature: Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)
Humidity: 90% RH (non-condensing)
Warranty: 36 months

System Requirements

Operating System: Microsoft Windows 10 Mac 10.12 (Chrome only)

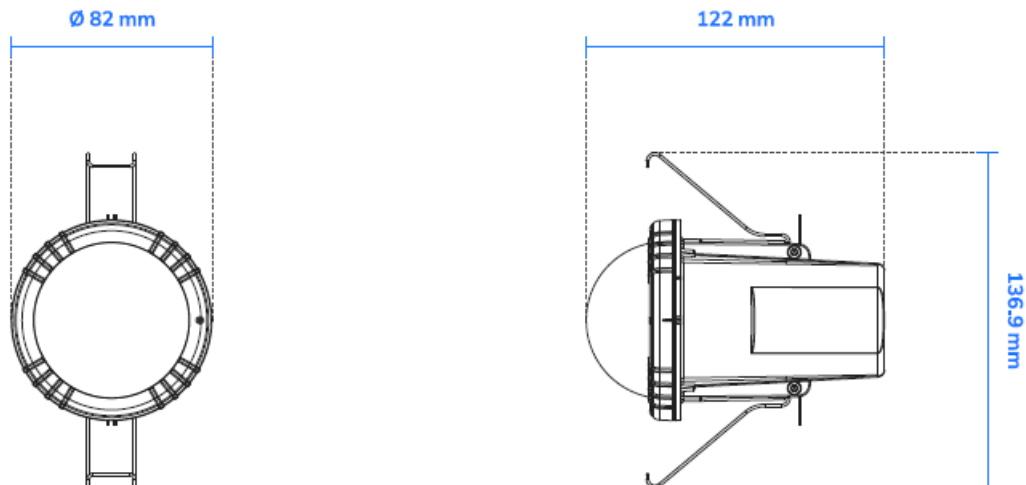
Web Browser: Chrome 58.0 or above Internet Explorer 10/11

Other Players: VLC: 1.1.11 or above

Included Accessories

Packing Contents: Quick installation guide.

Dimensions



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Documents / Resources

	VIVOTEK Fixed Dome Network Camera FD9182-H [pdf] Specifications VIVOTEK, FD9182-H, Fixed Dome Network Camera
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References

- [V :: VIVOTEK ::](#)
- [VIVOTEK FD9182-H 5MP Recessed Dome Camera](#)