



## C Series

# FD9182-H

5MP Recessed Dome Network Camera



## Technical Specifications

### System Information

CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	512MB

### Camera Specifications

Image Sensor	(1/2.7" Progressive CMOS)
Max. Resolution	2560x1920 (5MP)
Lens Type	Fixed-focal
Focal Length	f=2.8 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	±80°
Tilt Range	65°
Pan/Tilt/Zoom Functionalities	48x digital zoom (4x on IE plug-in, 12x built-in)
Storage	Seamless Recording to MicroSD/SDHC/SDXC card (1TB capacity supported) and recording to network-attached storage (NAS)

Video	
Compression	H.265, H.264, MJPEG
Maximum Frame Rate	20 fps @ 2560x1920
Maximum Streams	3 video streams (Up to 8 configurable profiles)
S/N Ratio	65 dB
Dynamic Range	120dB
Video Streaming	Adjustable resolution, quality and constant bit rate control, Smart Stream III
Image Settings	<p>General settings video title and time stamp overlay, video orientation (flip, mirror, rotation), day/night settings</p> <p>Image settings white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, 3DNR</p> <p>Exposure BLC, HLC, exposure control (exposure level, exposure time, gain control), AE speed adjustment, WDR</p> <p>Privacy mask Scheduled profile settings</p>

Audio	
Audio Capability	One-way Audio
Compression	G.711/G.726
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, IGMPv3, 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 <a href="http://www.onvif.org">www.onvif.org</a>

Solution Integration	
Video Motion Detection	Motion Detection (Five-window video motion detection)

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	
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Connectors	RJ-45 cable connector for 10/100 Mbps Network/PoE connection
LED Indicator	System power and status indicator
Power Input	IEEE 802.3af PoE Class 2
Power Consumption	PoE: Max. 3.6W
Dimensions	ø 82 x 122 mm
Weight	353 g
Certifications	<p>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)</p> <p>Safety UL (UL 62368-1), CB (IEC/EN 62368-1, IEC/EN 60950-22, IEC/EN 62471)</p> <p>Environment IK10 (IEC 62262)</p> <p>IA BIS (IS 13252)</p> <p>* IK10(Metal Housing)</p>
Operating Temperature	<p>Starting Temperature: -10°C ~ 50°C (14°F ~ 140°F)</p> <p>Working Temperature: -10°C ~ 50°C (14°F ~ 140°F)</p>
Humidity	90% RH (non-condensing)

## System Requirements

Operating System	Microsoft Windows 10/8/7 Mac 10.12 (Chrome only)
Web Browser	Chrome 58.0 or above Internet Explorer 11
Other Players	VLC: 1.1.11 or above

## Included Accessories

Packing Contents	Quick installation guide
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