



## C Series

# FD9369

## 2MP Outdoor Dome Network Camera



### Technical Specifications

| System Information |                                 |
|--------------------|---------------------------------|
| CPU                | Multimedia SoC (System-on-Chip) |
| Flash              | 256MB                           |
| RAM                | 256MB                           |

| Camera Specifications         |                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------|
| Image Sensor                  | 1/3.1" Progressive CMOS                                                             |
| Max. Resolution               | 1920x1080 (2MP)                                                                     |
| Lens Type                     | Fixed-focal                                                                         |
| Focal Length                  | f=2.8 mm                                                                            |
| Aperture                      | F2.0                                                                                |
| Iris Type                     | Fixed iris                                                                          |
| Field of View                 | 116° (Horizontal)<br>65° (Vertical)<br>140° (Diagonal)                              |
| Shutter Time                  | 1/5 sec. to 1/32,000 sec.                                                           |
| WDR Technology                | WDR Enhanced                                                                        |
| Day/Night                     | Yes                                                                                 |
| Removable IR-cut filter       | Yes                                                                                 |
| Illuminators                  | Built-in IR illuminators, effective up to 30 meters with Smart IR, IR LED*1         |
| Minimum Illumination          | 0.08 lux @ F2.0 (Color)<br><0.005 lux @ F2.0 (B/W)<br>0 lux with IR illumination on |
| Pan Range                     | 350°                                                                                |
| Tilt Range                    | -10°~75°                                                                            |
| Pan/Tilt/Zoom Functionalities | ePTZ: 18x digital zoom (4x on IE plug-in, 4.5x built-in)                            |

|         |                                                                                                                              |
|---------|------------------------------------------------------------------------------------------------------------------------------|
| Storage | Seamless Recording to MicroSD/SDHC/SDXC card slot (128GB capacity supported) and recording to network-attached storage (NAS) |
|---------|------------------------------------------------------------------------------------------------------------------------------|

| Video              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Compression        | H.265, H.264, MJPEG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Maximum Frame Rate | 30 fps @ 1920x1080                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Maximum Streams    | 2 video streams (Up to 7 configurable profiles)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| S/N Ratio          | 59 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Dynamic Range      | WDR Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Video Streaming    | Adjustable resolution, quality and constant bit rate control, Smart Stream III                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Image Settings     | <p>General settings<br/>video title and time stamp overlay, video orientation (flip, mirror, rotation), day/night settings</p> <p>Illuminators<br/>illuminators, anti-overexposure</p> <p>Image settings<br/>white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, 3DNR</p> <p>Exposure<br/>BLC, HLC, exposure control (exposure level, exposure time, gain control), AE speed adjustment, WDR</p> <p>Privacy mask<br/>Scheduled profile settings<br/>Pixel calculator</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, 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)<br>*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>                                                                              |

| AI Analytics            |                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------|
| Vision Object Analytics | Path Extraction                                                                      |
| Application             | Five-window video motion detection, people detection, vehicle detection, time filter |

| Solution Integration |  |
|----------------------|--|
|----------------------|--|

|                        |                                                       |
|------------------------|-------------------------------------------------------|
| Video Motion Detection | Motion Detection (Five-window video motion detection) |
|------------------------|-------------------------------------------------------|

## Alarm and Event

|               |                                                                                                                                                                 |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Event Trigger | Audio detection, Camera tampering detection, Manual trigger, Motion detection, Periodical trigger, Recording notification, SD card life expectancy, System boot |
| Event Action  | Event notification via email, HTTP, FTP, SFTP, NAS server, SD card, push notification<br>File upload via email, HTTP, FTP, SFTP, 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 Class 0 PoE, DC 12V<br>(Simultaneous Power Redundancy Supported)                                                                                                                                                                                                                                                           |
| Power Consumption     | PoE:<br>Max. 6W/4W (IR on/off)<br>DC 12V:<br>Max. 5.1W/3.4W (IR on/off)                                                                                                                                                                                                                                                                 |
| Dimensions            | ø110x85mm                                                                                                                                                                                                                                                                                                                               |
| Weight                | 465g                                                                                                                                                                                                                                                                                                                                    |
| Certifications        | EMC<br>CE (EN55032 Class B, EN55035), FCC (FCC Part 15 Subpart B Class B), ICES-003 issue 7, RCM (AS/NZS CISPR 32 Class B), VCCI (VCCI-CISPR 32 Class B)<br><br>Safety<br>UL (UL 62368-1), CB (IEC/EN 62368-1, IEC/EN 62471, IEC/EN 60950-22)<br><br>IA<br>BIS (IS 13252):BSMI<br><br>Environment<br>IK10 (IEC 62262), IP66 (IEC 60529) |
| Operating Temperature | Starting Temperature:<br>-30°C ~ 50°C (-22°F ~ 122°F)<br>Working Temperature:<br>-30°C ~ 55°C (-22°F ~ 131°F) (IR off)<br>-30°C ~ 50°C (-22°F ~ 122°F) (IR on)                                                                                                                                                                          |
| Humidity              | 95% RH (non-condensing)                                                                                                                                                                                                                                                                                                                 |

## System Requirements

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

## Included Accessories

|                  |                                                                                     |
|------------------|-------------------------------------------------------------------------------------|
| Packing Contents | Quick installation guide, alignment sticker, screw pack, cable gland, dessicant bag |
|------------------|-------------------------------------------------------------------------------------|