VIVOTEK

C series

FD9368-HTV

Fixed Dome Network Camera

2MP • SNV • WDR Pro • Smart IR • 30M IR • Smart Stream III • IP66 • IK10

- H.265 Compression Technology
- 30 fps @ 1920x1080 (WDR Pro on)
- 2.8~12 mm, Remote Focus
- SNV (Supreme Night Visibility) for Low Light Conditions
- WDR Pro for Unparalleled Visibility in Extremely Bright and Dark Environments
- Smart Stream III to Optimize Bandwidth Efficiency
- Built-in IR Illuminators, Effective up to 30 Meters
- Trend Micro IoT Security
- Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Built-in Microphone

TREND MICRO

aws qualified device

Stratocast™

Technical Specifications

System Information

Model	FD9368-HTV
CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	256MB

Camera Features

Image Sensor	1/2.9" Progressive CMOS
Max. Resolution	1920x1080 (2MP)
Lens Type	Motorized, Vari-focal, Remote Focus
Focal Length	f = 2.8 ~ 12 mm
Aperture	F1.4 ~ F2.8
Auto-iris	Fixed-iris
Field of View	32°~93° (Horizontal) 18°~50° (Vertical) 37°~110° (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Pro
Day/Night	Yes
Removable IR-cut Filter	Yes
IR Illuminators	Built-in IR Illuminators up to 30 meters with Smart IR, IR LED*2
Minimum Illumination	0.055 lux @ F1.4 (Color) <0.005 lux @ F1.4 (B/W) 0 Lux with IR illumination on
Pan Range	353°
Tilt Range	75°
Rotation Range	350°
Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)
On-board Storage	Slot Type: MicroSD/SDHC/SDXC card slot Seamless Recording

Video

Video Compression	H.265, H.264, MJPEG
Maximum Frame Rate	30 fps @ 1920x1080
Maximum Streams	3 simultaneous streams
S/N Ratio	68 dB
Dynamic Range	120 dB
Video Streaming	Adjustable resolution, quality and bitrate, Smart Stream III
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, HLC, defog, 3DNR, video rotation

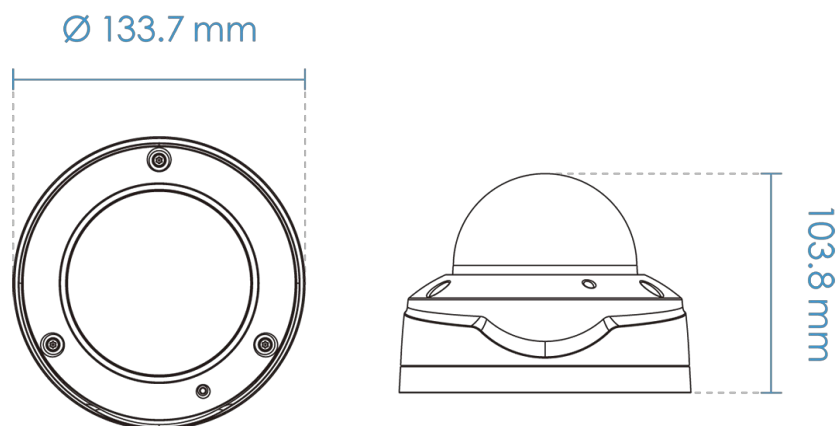## Audio

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
Protocols	802.1X, ARP, CIFS/SMB, CoS, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS, 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	Supported, specification available at www.onvif.org

Solution Integration

Video Motion Detection	Five-window video motion detection
VADP Package	Trend Micro IoT Security, Stratocast

Alarm and Event

Alarm Triggers	Motion detection, periodical trigger, system boot, recording notification, camera tampering detection, manual trigger, audio detection, SD card life expectancy, cybersecurity events (brute force attack event, cyberattack event, quarantine event)
Alarm Events	Event notification via email, HTTP, FTP, NAS server, SD card File upload via email, HTTP, FTP, NAS server, SD card

General

Connectors	RJ-45 cable connector for 10/100Mpbs Network/PoE connection
LED Indicator	System power and status indicator
Power Input	IEEE 802.3af PoE Class 0
Power Consumption	Max. 12.95 W (IR on) Max. 9 W (IR off)
Dimensions	ø 133.7 x 103.8 mm
Weight	819 g
Casing	IP66, IK10
Safety Certifications	CE, FCC Class B, UL, LVD, VCCI, C-Tick
Operating Temperature	Starting Temperature: -10°C ~ 60°C (14°F ~ 140°F) Working Temperature: -30°C ~ 60°C (-22°F ~ 140°F)
Humidity	90%
Warranty	24 months

System Requirements

Operating System	Microsoft Windows 8/7 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

Others	Quick installation guide, alignment sticker, screw pack, cable gland

Dimensions

Ø 133.7 mm

103.8 mm

Compatible Accessories

Mounting Kits	Mounting Kits
AM-21A (V02) L-shape Bracket	AM-51D Adapting Plate
Mounting Kits	**Mounting Kits**
AM-528 Mounting Adapter	AM-71B Outdoor Conduit Box (IP66)