





Fixed Dome Network Camera

5MP • SNV • WDR Pro • Smart IR • 30M IR • Smart Stream III • IP66

- H.265 Compression Technology
- 20 fps @ 2560x1920 (WDR Pro on)
- 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

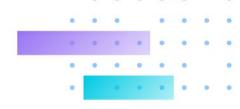








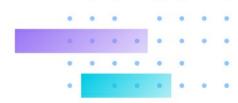




Technical Specifications

System Information

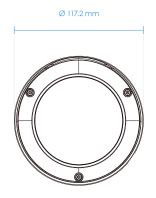
System information	
Model	FD9380-H (2.8mm) FD9380-H (3.6mm)
CPU	Multimedia SoC (System-on-Chip)
Flash	128 MB
RAM	512 MB
Camera Features	
Image Sensor	1/2.7" Progressive CMOS
Max. Resolution	2560x1920 (5MP)
Lens Type	Fixed-focal
Focal Length	FD9380-H (2.8mm): f = 2.8 mm FD9380-H (3.6mm): f = 3.6 mm
Aperture	F2.0
Iris Type	Fixed iris
Field of View	FD9380-H (2.8mm): 103° (Horizontal) 76° (Vertical) 134° (Diagonal) FD9380-H (3.6mm): 76° (Horizontal) 59° (Vertical) 100° (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, effective up to 30 meters with Smart IR, IR LED*2
Minimum Illumination	0.03 lux @ F2.0 (Color) <0.005 lux @ F2.0 (B/W) 0 lux with IR illumination on
Pan Range	350°
Tilt Range	75°
Rotation Range	350°
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 @ 2560x1920
Maximum Streams	3 video streams (Up to 8 configurable profiles)
S/N Ratio	FD9380-H (2.8mm): 65 dB FD9380-H (3.6mm): 67 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; Illuminators: illuminators, anti-overexposure; 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
Network	
Users	Live viewing for up to 10 clients
Security	Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, Trend Micro IoT Security (brute force attack event, cyberattack event, quarantine event), user access log, user account management



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Interface the standard CATSe & CATS cables which are compliant with the spirETL standard. NOVIF 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 Camera tampering detection, cybersecurity events (brute force attack event, cyberattack event, quarantine event), manual trigger, recording officiation, SD card life expectancy, system bood Event Action Event Action Event William and HTTP, FTP, NAS server, SD card, push notification Pile upload via email, HTTP, FTP, NAS server, SD card, push notification Pile upload via email, HTTP, FTP, NAS server, SD card Server Input Pile upload via email, HTTP, FTP, NAS server, SD card Server Input Pile upload via email status indicator Event Action System power and status indicator Power Input IEEE 802.3af PoE Class 2 Power Consumption Max. 6.49 W33.69 W (IR on/off) Dimensions O117.2 x 89.6 mm Weight S40 g Certifications S20 Server, SD Card, Pile Input B Class B), RCM (AS/NZS CISSPR 32 Class B), WCCI (VCCI-CISPR 32 Class B), Sef ety: UL (UL 62368-1), CRA (RCS) RCS) RCS S2 RCS S3 RCS	Protocols	IPv4, IPv6, NTP, PPPoE, QoS (CoS/DSCP), RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP,
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 Camera tampering detection, cybersecurity events (brute force attack event, cyberattack event, quarantine event), manual trigger, motion detection, periodical trigger, recording motification, Su card file expectancy, system body Event Action Event Action Event in a email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notification File upload via email, HTTP, FTP, NAS server, SD card, push notifica	Interface	*It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with
Video Motion Detection Five-window video motion detection VADP Package Stratocast, Trend Micro IoT Security (1-year free trial), VIVOCloud Alarm and Event Camera tampering detection, cybersacurity events (brute force attack event, opberattack event, quarantine event), manual trigger, motion detection, periodical trigger, recording motification. SD card life expectancy, system boot Event Action Event notification via email, HTTP, TP, NAS server, SD card, push notification in email, HTTP, FTP, NAS server, SD card push notification in email, HTTP, FTP, NAS server, SD card push notification. Ceneral 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. 6.49 W/3.69 W (IR on/off) Dimensions Ø 117.2 x 89.6 mm Weight 540 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 62366-1), CB (EC/CEN 6236-1), EB/CEN 60350-22, IEC/EN 62471); Environment: IK10 (IEC 62262), IRC BS (ISC),	ONVIF	Profile G, S, T supported, specification available at www.onvif.org
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LED Indicator System power and status indicator Power Input IEEE 802.3af PoE Class 2 Power Consumption Max. 6.49 W/3.69 W (IR on/off) Dimensions Ø 117.2 x 89.6 mm Weight 540 g EMC: CE (EN 55032 Class B, EN 55024), FCC (FCC Part 15 Subpart B Class B), RCM (AS/NZS CISPR 32 Class B), VCC (VCCI-CISPR 32 Class B), Safety: UL (UL 62368-1), CB (IEC/CFN 62368-1, IEC/CFN 62368-1), EEC/EN 6050-22, IEC/EN 62471); Environment: IK10 (IEC 62262), IP66 (IEC 60529); IA: BIS (IS 13252) Operating Temperature Starting Temperature: -10°C ~ 60°C (14°F ~ 140°F) Working Temperature: -30°C ~ 60°C (-22°F ~ 140°F) Working Temperature: -30°C ~ 60°C (-22°F ~ 140°F) Web Browser Microsoft Windows 10′8/7 Mac 10.12 (Chrome only) Web Browser Chrome 58.0 or above Included Accessories	General	
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Other Players Included Accessories Internet Explorer 10/11 VLC: 1.1.11 or above	Operating System	
Included Accessories	Web Browser	
	Other Players	VLC: 1.1.11 or above
Packing Contents Quick installation guide, alignment sticker, screw pack, cable gland	Included Accessories	
	Packing Contents	Quick installation guide, alignment sticker, screw pack, cable gland



Dimensions





Compatible Accessories

Mounting Kits	Mounting Kits
AM-21A (V02)	AM-51G
L-shape Bracket	Adapting Plate
Mounting Kits	Mounting Kits
AM-52E Mounting Adapter	AM-71D Outdoor Conduit Box

