





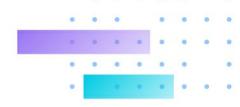
FD9388-HTV

Fixed Dome Network Camera

5MP • SNV • WDR Pro • Smart IR • 30M IR • Smart Stream III • IP66 • IK10

- H.265 Compression Technology
- 20 fps @ 2560x1920 (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





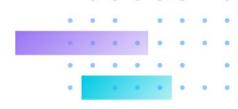
Technical Specifications

System Information

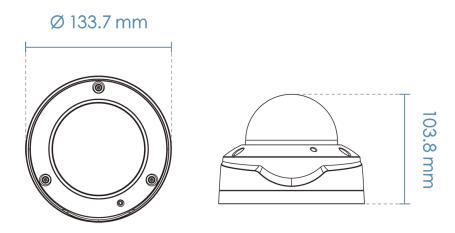
CPU Multimodia SoC (System on Chip) Flash 128 MB SIZ MB Camera Features Irrage Sonor 12.7 Progressive CMOS Mac. Resolution 2560-1929 (SMP) Mac. Resolution 2560-1929 (Mac. Resolution 2560-1929) Mac. Resolution 2560-1929 (Mac. Resolution 2560-192	System Information	
Flash 128 MG Camera Features Intege Seasor 11/2.7* Progressive CMOS Max. Resolution 2500x (SMP) Most Desolution 2500x (SMP) Most Desolution 16 = 2.8 - 1.2 mm Aperture F1.4 - F2.8 Fired Integrity	Model	FD9388-HTV
RAM 512 MB Camera Features Invasor Sensor 12.7° Progressive CMOS Image Sensor 12.7° Progressive CMOS Lons Type Motorized, Vari-focal, Remote Focus Foce I Longth f = 2.8 – 12 mm Apeture F1.4 – F2.8 Iris Type Fixed ins Pidd of View 80° – 30° (Hotizontal) (15° – 28° (Diagonial) Shutter Time 10° sec. to 11/32,000 sec. WIRR Renotacion MOR Pro Usy Night Yes Renovable IF.Cut Filter Yes IR Illuminators Bull-in IR Illuminators, effective up to 30 meters with Smart IR, IR LED'2 Mnimum Illumination 0.005 tax (8° 14 (Color)) Object to Signal (12 mg) 0.005 tax (8° 14) (Color) Pan Range 355° Till Range 75° Rotation Range 350° Pan Range 350° Rotation Range 360° Bull-in Installation Alds Remote focus, remote zoon Video Video Video 426° b. 1.264, MAPEO Maximum France Rate 20°	CPU	Multimedia SoC (System-on-Chip)
Camera Features	Flash	128 MB
Image Sensor 112.7° Progressive CMOS Max. Resolution 2860x 1200 (6MP) Lers Type Motorized, Vari-focal, Remote Focus Focal Length 1 = 2.8 - 12 mm Aperture F1.4 - F2.8 Iris Type Fixed iris Pixed i	RAM	512 MB
Mark Resolution 2560 t 1920 (50F)	Camera Features	
Lens Type Motorized, Vari-focal, Remote Focus Focal Length f = 2.8 - 1.2 mm Fixed lins Fixed rins Fixed rins Fixed rins Pixed rins Pixed rins Pixed rins Pixed rins Pixed rins Pixed rins Shutter Time 1/5 sec. to 1/32,000 sec. WOR Rochnology Work Rochnology	Image Sensor	1/2.7" Progressive CMOS
Focal Length	Max. Resolution	2560x1920 (5MP)
Aperture F1.4 ~ F2.8 Iris Type Fixed Iris Type Fixed Iris 17 yes Fixed Iris 18 96" - 30" (Horizontal) 55" - 25" (Ventical) 55"	Lens Type	Motorized, Vari-focal, Remote Focus
Fixed Iris Type Fixed Iris Fixed	Focal Length	f = 2.8 ~ 12 mm
Field of View 897 - 297 (Vertical) 897 - 297 (Vertical) 1187 - 298 (Vestical) 1187 - 298	Aperture	F1.4 ~ F2.8
Section Sect	Iris Type	Fixed iris
WDR Technology WDR Pro Day/Night Yes Removable IR-cut Filter Yes Built-in IR illuminators, effective up to 30 meters with Smart IR, IR LED*2 Minimum Illumination 0.035 tux @ F1.4 (Color) 0 tux with IR illumination on Pan Range 353* Tilt Range 75* Rotation Range 350* Rotation Range 350* Storage Someters Recording to MicroSD/SDHC/SDXC card and recording to network-attached storage (NAS) Built-in Installation Aids Remote focus, remote zoom Video Video Wideo Compression H.265, H.264, MUPEG Meximum Streams 3 video streams (Up to 8 configurable profiles) SIN Ratio 61 dB Uynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III General settings: video title and time stamp overlay, video orientation (flip, mirror, rotation), day/night settings: Illuminators: illuminators, anti-overexpoure, Image settings Audio Capability One-way Audio Audio Compression G. 7.11, G.726 Built-in microphone Effective Range Security Effective Range Live viewing for up to 10 clients Network Users Live viewing for up to 10 clients Security Effective Range Security English Smart Range (port), signed and protein control, signed storage, remore, remore, remore, from the correction of security (prute force attack event, cyberattack event, firms, reference).	Field of View	65° ~ 23° (Vertical)
Day/Night Yes Removable IR-cut Filter Yes IR Illuminators Bullt-in IR Illuminators, effective up to 30 meters with Smart IR, IR LED¹2 0.035 tux @ F14 (Cotor) v0.005 tux @ F14 (BW) of tux with IR Illumination 2.005 tux @ F14 (BW) of tux with IR Illumination on Pan Range 353° Tilt Range 75° Rotation Range 350° Pan/Tilt/Zoom Functionalities erF1Z: 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) Bull-tin Installation Aids Remote focus, remote zoom Video Video Video Weximum Frame Rate 20 fps @ 2560x1920 Maximum Frame Rate 20 fps @ 2560x1920 Maximum Streams 3 video streams (Up to 8 configurable profiles) S/N Ratio 61 dB Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III General settings: video title and time stamp overlay, video orientation (flip, mirror, rotation), day/night settings: Illuminators: Illum	Shutter Time	1/5 sec. to 1/32,000 sec.
Removable IR-cut Filter Built-in IR illuminators, effective up to 30 meters with Smart IR, IR LED*2 O. 351 tux @ Ff.4 (Color) c. 0.050 tux @ Ff.4 (BW) ol tux with IR illumination on Pan Range 353° Rotation Range 355° Rotation Range Seamlies Recording to MicroSD/SDHC/SDXC card and recording to network-attached atorage (NAS) Storage Seamlies Recording to MicroSD/SDHC/SDXC card and recording to network-attached atorage (NAS) Built-in Installation Aids Remote focus, remote zoom Video Video Video Video Compression H. 265, H. 264, MUPEG Maximum Frame Rate 20 fps @ 2560x1920 Maximum Streams 3 video streams (Up to 8 configurable profiles) SNN Ratio 61 dB Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III General settings: video title and time stamp overlay, video orientation (flip, mirror, rotation), day/night settings; illuminators, anti-oversposure; Image settings: white belance, image adjustment (Vigithress, contrases, gamma white belance, image adjustment (Vigithress, contrases, gamma chime, gain control), AE speed adjustment, WDR; Privacy mask; Scheduled profile settings Audio Capability One-way Audio One-way Audio One-way Audio Audio Interface Built-in microphone Effective Range Security Full Settings: Live viewing for up to 10 clients Access list, digest authentication, HTTPS, IEEE 802,1x, password protection, signed for upfile force attack event, cyberattack event, forcer attack event, cyberattack event, cyberattack event, cyberattack event, cyberattack event, cyberattack event, cyberattack event,	WDR Technology	WDR Pro
IR Illuminators Built-in IR Illuminators, effective up to 30 meters with Smart IR, IR LED'2 0.035 tpx @ F1.4 (Color) 0 tpx with IR Illumination 2.035 tpx @ F1.4 (E/W) 0 tpx with IR Illumination 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) Storage Seamless Recording to MicroSD/SDHC/SDXC card and recording to network-attached storage (N/AS) Built-in Installation Aids Remote focus, remote zoom Video Video Compression H. 265, H. 264, MUPEG Maximum Streams 3 video streams (Up to 8 configurable profiles) SKN Ratio 61 dB Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III General settings: video title and time stamp overlay, video orientation (flip, mirror, rotation), day/right settings; Illuminators; illuminators, anti-overexposure; Image settings: white belance, image adjustment (brightness, contrase, gamma curve,) effog, 30NR: Exposure ELC, HLC, exposure control (exposure everl, exposure true), exposure strue), exposure exposure; Image settings. Audio Capability One-way Audio Audio Capability One-way Audio Audio Interface Built-in microphone Effective Range Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed for up to 10 clients Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmer, fremal firmer, fre	Day/Night	Yes
Mnimum Illumination 0.035 lux @ F1.4 (Color) <0.005 lux @ F1.4 (Color) <0.005 lux @ F1.4 (BIW) <p>Pan Range 353° Till Range 75° Rotation Range 350° Pan/Till/Zoom Functionalities ePT2: 48x digital zoom (4x on IE plug-in, 12x built-in) Seamless Recording to McroSD/SDHC/SDXC card and recording to network-attached storage (NAS) Built-in Installation Aids Remote focus, remote zoom Video Video Video Video Compression H. 265, H. 264, MUPEG Maximum Frame Rate 20 fps @ 2560x1920 Maximum Frame Rate 3 video streams (Up to 8 configurable profiles) S/N Ratio 61 dB Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III Ceneral settings: video title and time stamp owerlay, video orientation (filp, mirror, rotation), day, right) settings; Illuminators: Illu</p>	Removable IR-cut Filter	Yes
Minimum Illumination Oux with IR Illumination on 353° Tilt Range 75° Rotation Range 350° Pan/Tilt/Zoom Functionalities ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in) Storage Samiless Recording to MicroSD/SDHC/SDXC card and recording to network-attached storage (NAS) Built-in Installation Aids Remote focus, remote zoom Video Video Video Compression H. 265, H. 264, MUPEG Meximum Frame Rate 20 fps @ 2560x1920 Meximum Streams 3 video streams (Up to 8 configurable profiles) SIN Ratio 61 dB Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III General settings: Video title and time stamp overlay, video crientation (flip, mirror, rotation), day/right settings; Illuminators, anti-oversposure; Image settings: wideo title and time stamp overlay, video crientation (flip, mirror, rotation), day/right settings; Illuminators; anti-oversposure; Image settings: with balance, image adulusment (tripithness, 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 Compression G. 711, G. 726 Audio Interface Built-in microphone Effective Range S meters Live viewing for up to 10 clients Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed Security Firmware, Trend Micro Lot Security (brute force attack event, cyberattack event,	IR Illuminators	Built-in IR illuminators, effective up to 30 meters with Smart IR, IR LED*2
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) Built-in Installation Aids Remote focus, remote zoom Video Compression H.265, H.264, MUPEG Maximum Frame Rate 20 f ps @ 2560x1920 Maximum Streams 3 video streams (Up to 8 configurable profiles) S/N Ratio 61 dB Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III 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 (brightman, contrast, saturation, sharpness, gamma cure), defog, 3DNR; Exposure: BLC, HLC, exposure control (exposure level, exposure time, gain control), AE speed adjustment, WDR; Privacy mask; Scheduled profile settings Audio Capability One-way Audio Audio Compression G.711, G.726 Audio Interface Built-in microphone Effective Range 5 meters Network Live viewing for up to 10 clients Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	Minimum Illumination	<0.005 lux @ F1.4 (B/W)
Rotation Range 350° Pan/Till/Zoom Functionalities ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in) Storage Seamless Recording to McroSD/SDHC/SDXC card and recording to network-attached storage (NAS) Built-in Installation Aids Remote focus, remote zoom Video 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 61 dB Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III 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 cure), defog, 3DNR; Exposure: BLC, HLC, exposure level, exposure lime, gain control), AE speed adjustment, WDR; Privacy mask; Scheduled profile settings Audio Capability One-way Audio Audio Capability One-way Audio Audio Interface Built-in microphone Effective Range 5 meters Network Live viewing for up to 10 clients Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberatlack event,	Pan Range	353°
Pan/Tilt/Zoom Functionalities ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in) Storage Samless Recording to MicroSD/SDHC/SDXC card and recording to network-attached storage (NAS) Built-in Installation Aids Remote focus, remote zoom 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 61 dB Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III 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, exposure control (exposure level, exposure exposure) Audio Compression G.711, G.726 Audio Interface Built-in microphone Effective Range 5 meters Network Users Live viewing for up to 10 clients Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro lot Security (brute force attack event, cyberattack event,	Tilt Range	75°
Seamless Recording to MicroSD/SDHC/SDXC card and recording to network-attached storage (NAS) Built-in Installation Aids Remote focus, remote zoom 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 61 dB Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III General settings: video title and time stamp overlay, video orientation (flip, mirror, rotation), day/right settings; illuminators: illuminators, anti-overexposure; Image settings: white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, 3DNF; Exposure: BLC, HLC, exposure level, exposure time, gain control), AE speed adjustment, WDR; Privacy mask; Scheduled profile settings 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 Access Iist, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	Rotation Range	350°
Storage (NAS) Built-in Installation Aids Remote focus, remote zoom Video Video Compression H. 265, H. 264, MJPEG Maximum Frame Rate 20 fps @ 2560x1920 Meximum Streams 3 video streams (Up to 8 configurable profiles) S/N Ratio 61 dB Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III 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 (priness, contras), sapraess, 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 Capability One-way Audio Audio Capability One-way Audio G.711, G.726 Built-in microphone Effective Range 5 meters Live viewing for up to 10 clients Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro lot Security (brute force attack event, cyberattack event,	Pan/Tilt/Zoom Functionalities	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)
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 61 dB Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III General settings: video title and time stamp overlay, video orientation (flip, mirror, rotation), day/night settings; lituminators; anti-overexposure; mage 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 Capability One-way Audio Audio Compression G.711, G.726 Audio Interface Built-in microphone Effective Range 5 meters Network Live viewing for up to 10 clients Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro lot Security (brute force attack event, cyberattack event,	Storage	
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Maximum Frame Rate 20 fps @ 2560x1920 Maximum Streams 3 video streams (Up to 8 configurable profiles) S/N Ratio 61 dB Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III 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, contrat, 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 Interface Built-in microphone Effective Range 5 meters Network Users Live viewing for up to 10 clients Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	Video	
Maximum Streams 3 video streams (Up to 8 configurable profiles) S/N Ratio 61 dB Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III General settings: video title and time stamp overlay, video orientation (flip, mirror, rotation), day/night settings; liluminators; alti-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 Audio Audio Capability One-way Audio Audio Interface Built-in microphone Effective Range 5 meters Network Users Live viewing for up to 10 clients Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	Video Compression	H.265, H.264, MJPEG
S/N Ratio Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III 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 djustment (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 Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	Maximum Frame Rate	20 fps @ 2560x1920
Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III General settings: video title and time stamp overlay, video orientation (flip, mirror, rotation), day/night settings; Illuminators; illuminators; alliuminators, 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 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 Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	Maximum Streams	3 video streams (Up to 8 configurable profiles)
Video Streaming Adjustable resolution, quality and constant bit rate control, Smart Stream III General settings: video title and time stamp overlay, video orientation (flip, mirror, rotation), day/night settings; 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 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 Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	S/N Ratio	61 dB
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 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 Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	Dy namic Range	120 dB
Image Settings rotation), day/night settings; 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 Audio Audio Capability One-way Audio Audio Interface Built-in microphone Effective Range 5 meters Network Users Live viewing for up to 10 clients Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	Video Streaming	Adjustable resolution, quality and constant bit rate control, Smart Stream III
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 Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	Image Settings	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
Audio Compression G.711, G.726 Audio Interface Built-in microphone Effective Range 5 meters Network Users Live viewing for up to 10 clients Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	Audio	
Audio Interface Effective Range 5 meters Network Users Live viewing for up to 10 clients Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	Audio Capability	One-way Audio
Effective Range 5 meters Network Users Live viewing for up to 10 clients Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	Audio Compression	G.711, G.726
Network Users Live viewing for up to 10 clients Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	Audio Interface	Built-in microphone
Users Live viewing for up to 10 clients Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	Effective Range	5 meters
Access list, digest authentication, HTTPS, IEEE 802.1x, password protection, signed Security firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	Network	
Security firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,	Users	Live viewing for up to 10 clients
	Security	firmware, Trend Micro IoT Security (brute force attack event, cyberattack event,



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 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 10/100Mpbs Network/PoE connection
LED Indicator	System power and status indicator
Power Input	IEEE 802.3af PoE Class 0
Power Consumption	Max. 12.95 W/9 W (IR on/off)
Dimensions	ø 133.7 x 103.8 mm
Weight	819 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), IP66 (IEC 60529); IA: BIS (IS 13252)
Operating Temperature	Starting Temperature: -10° C \sim 60°C (14°F \sim 140°F) Working Temperature: -30° C \sim 60°C (-22°F \sim 140°F)
Humidity	90%
Warranty	36 months
System Requirements	
Operating System	Microsoft Windows 10/8/7 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	
Packing Contents	Quick installation guide, alignment sticker, screw pack, cable gland



Dimensions



Compatible Accessories

Kits de montage	Kits de montage
AM-21A (V02)	AM-51D
Montage en L	Plaque d'adaptation
Kits de montage	Kits de montage
AM-528	AM-71B
Adaptateur de montage	Boîtier de connexion étanche

