





5MP • WDR Pro • SNV • 180° Panoramic View • 15M IR • IK10 • IP66 • 3DNR • Anti-Ligature

VIVOTEK's new CC9381-HV is a vandal-proof IR fisheye network camera offering up to 20 fps at 5-Megapixel resolution (30 fps at 5MP with WDR Off). With its unique design and inconspicuous appearance, the CC9381-HV is suitable for a wide array of environments. Featuring 180° horizontal panoramic views with adjustable 25° tilt angle, the camera allows users amazing flexibility of viewing angles and options. The camera's weatherproof compact size also makes it an ideal choice for indoor and outdoor scenarios such as boutiques, convenience stores, banks, schools, parking lots and residential homes. With its antiligature design, it can also be very effective in tough security environments like prisons and mental facilities.

The CC9381-HV can view up to 180 degrees, providing complete video security without losing angle coverage. Featuring WDR

Pro, the camera captures both the dark and bright areas of an image and combines the differences to create a highly realistic representation of the original scene. Further, with added SNV technology, high-quality full-color surveillance video becomes possible even under low-light conditions. Further increasing the level of surveillance, a built-in microphone can record sound within a 5-meter radius.

Last but definitely not least, the CC9381-HV also has built-in 180° IR illuminators up to 15 meters. So no matter day or night, light or dark, the CC9381-HV's versatility is unmatched.

Key Features

- H.265 Compression Technology
- · 5-Megapixel CMOS Sensor
- · 20 fps @ 2560x1920 (WDR On), 30 fps @ 2560x1920 (WDR Off)
- 180° Horizontal Panoramic View
- 180° IR Illuminators up to 15 Meters
- WDR Pro (120 dB) to Provide Extreme Visibility in High Light Contrast Scenes
- · SNV (Supreme Night Visibility) for Low Light Conditions
- Smart Stream III to Optimize Bandwidth Efficiency
- Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
- ±25° Tilt Lens
- Built-in Microphone
- Anti-Ligature Design



Without 180° IR



With 180° IR

Technical Specifications

NucleiConstrainSystem InformationCPUMultimedia SoC (System-on-Chip)Flash256M8RAM512M8Camera FeaturesImage Sensor1/2.7" Progressive CMOSMax. Resolution2560x1920 (SMP)Lens TypeFixed-focalFocal Lengthf=1.45 mmApertureFixed-insApertureFixed-insField of ViewMixed-insBield of ViewMore ProfessionalMDR TechnologyWDR ProDay/NightYesRemovable IR-cut filterYesRinimum Illumination0.11 Lux @F2.2 (Color) 0 Lux with Rilluminators onMinimum Illumination0.11 Lux @F2.2 (Color) 0 Lux with Rilluminators onTit Ronge±25°Parcel Socal Social	Model	CC9381-HV
CPUMultimedia SoC (System-on-Chip)Fash256MBRAM512MBCamera FeaturesV.2.7" Progressive CMOSImage Sensor1/2.7" Progressive CMOSMax. Resolution2560x1920 (5MP)Lens TypeFixed-focalFocal LengthF1.45 mmApertureF2.2Inis typeFixed-focalField of View1/0° (horizontal) 120° (vertical) 120° (vertical) 120° (vertical) 120° (vertical) 120° (color) 000 sec.MDR TechnologyWDR ProDay/NightYesRemovable IR-cut filterYesIR Illuminators011 Lux F2.2 (Color) 0.11 Lux F2.2 (Color) 0.11 Lux F2.2 (SWP) 0.11 Lux F1.2 (SWP) 0.11 Lux F2.2 (SWP) 0.11 Lux F1.2 (SWP) 0.1 Lux		
Flash256MBFlash512MBRAM512MBCamera FeaturesIImage Sensor1/2.7" Progressive CMOSMax. Resolution2560x1920 (5MP)Lens TypeFixed-focalFocal Lengthf = 1.45 mmApertureFixed-inisApertureFixed-inisField of View1/5 sec. to 1/32.000 sec.VDR TechnologyVDR ProDay/NightYesRemovable IR-cut filterYesRilluminatorsBill-In IR Illuminators, effective up to 15 meters with Smart IRMinimum Illumination0.11 Lux @ F2.2 (Color) 0.01 Lux @ F2.2 (Born) 0.01 Lux @ F2.2 (Born) 0.01 Lux @ F2.2 (Born) 0.01 Lux @ F2.2 (Born) 0.01 Lux @ F2.2 (Solor) 0.01 Lux @ F2.2 (Solor)Maine Billion0.01 Lux @ F2.2 (Solor) 0.01 Lux @ F2.2 (Solor) 0.01 Lux @ F2.2 (Solor) 0.01 Lux @ F2.2 (Solor)Marine Billion1.02 @ F2.6 (Altical Decembers) Solor BillionMaximum Frame Rete2.01 Solor Billion Solor Solor Decembers) Solor Solor	-	Multimodia Soc (System on Chin)
RAMEntraRAM512MBCamera FeaturesImage Sensor1/2.7" Progressive CMOSMax. Resolution2560X1920 (5MP)Lens TypeFixed-focalFocal Lengthf=1.45 mmApertureF2.2Iris typeFixed-irisField of View180° (horizontal) 180° (horizontal) 180° (diagonal)Shutter Time1/5 sec. to 1/32.000 sec.VDR TechnologyWDR ProDay/NightYesRemovable IR-cut fillerYesRemovable IR-cut fillerYesIrill Range±25°Field of ViewSlot type: MicroSD/SDHC/SDXC card slot Seamless RecordingJill Range±25°VideoUux *F2.2 (Color) 0.1 Lux *F2.		
Camera FeaturesImage SensorI/2.7" Progressive CMOSMax. Resolution2560x1920 (5MP)Lens TypeFixed-focalFocal Lengthf = 1.45 mmApertureF2.2Iris typeFixed-irisField of View80° (horizontal) 120° (vertical) 180° (corizontal) 120° (vertical)Shutter TimeI/5 sec. to 1/32,000 sec.WDR TechnologyWDR ProDay/NightYesRemovable IR-cut filterYesIri IluminatorsBuil-in IR illuminators, effective up to 15 meters with Smart IRMinimum Illumination01 Lux @F2.2 (Coor) 00 Lux with Smart IROn-board StorageStot type: MicroSD/SDHC/SDXC card slot Seamess RecordingVideoUCompression1.20 fils @ 2560x1920 (WDR On) 30 fips @ 2560x1920 (WDR		
Image Sensor1/2.7" Progressive CMOSMax. Resolution2560x1920 (5MP)Lens TypeFixed-focalFocal Lengthf = 1.45 mmApertureF2.2Iris typeFixed-irisField of View[80° (horizontal)] 120° (vertical) 180° (diagonal)Shutter Time1/5 sec. to 1/32.000 sec.VDR TechnologyWDR ProDay/NightYesRemovable IR-cut fillerYesIR IlluminatorsBuil-In R illuminators, effective up to 15 meters with Smart IRMinimum Illumination0.11 Lux @ F2.2 (Color) 0.11 Lux @ F2.2 (SIW) 0.11 Lux @ F2.2 (SIW)On-board StorageSlof type: MicroSD/SDHC/SDXC card slot Seamers RecordingVideo120 for @ 2560x1920 (WDR On) 30 fps @ 2560x1920 (WDR Off)Maximum Frame Rate20 fps @ 2560x1920 (WDR Off)Minage SettingsAdjustable resolution, quality and bitrate; Smart Stream IIIMaximum Streams3 simultaneous streamsS/N Ratio62 dBLunage SettingsSimultaneous curvation, filp and mirror, shecklipt compensation, privacy masks, aledging 3DNR, pixel calculatorMudio<		JIZMD
Max. Resolution2560x1920 (5MP)Max. ResolutionFixed-focalLens TypeFixed-focalFocal Lengthf=1.45 mmApertureF2.2Iris typeFixed-irisField of View100° (horizontal) 120° (vertical) 180° (diagonal)Shutter Time1/5 sec. to 1/32.000 sec.WDR TechnologyWDR ProDay/NightYesRemovable IR-cut filterYesIR IlluminatorsBuil-in IR illuminators, effective up to 15 meters with Smart IRMinimum Illumination0.11 Lux @F2.2 (Color) 0.1 Lux @F2.2 (Dolry) 0.1 Lux @F2.2 (Dolry) <th></th> <th></th>		
Lens TypeFixed-focalFocal Lengthf=1.45 mmApertureF2.2Iris typeFixed-irisField of ViewReso (harizontal) 120° (vertical) 180° (diagonal)Shutter Time1/5 sec. to 1/32.000 sec.VDR TechnologyWDR ProDay/NightYesRemovable IR-cut filterYesIR IlluminatorsBuil-in IR illuminators, effective up to 15 meters with Smart IRMinimum Illumination0.01 Lux @F2.2 (Color) 		
Focal Lengthf=1.45 mmFocal Lengthf=1.45 mmApertureF2.2Ifis typeFixed-irisField of View180° (horizontal) 120° (vertical) 180° (diagonal)Shutter Time1/5 sec. to 1/32.000 sec.WDR TechnologyWDR ProDay/NightYesRemovable IR-cut filterYesIR IlluminatorsBuil-in IR illuminators, effective up to 15 meters with Smart IRMinimum Illumination0.11 Lux @ F2.2 (Color) 0.01 Lux @ F2.2 (B/W) 0.01 Lux @ F2.2 (D/W) CND No Compositon @ F77ProtechF2000000000000000000000000000000000000	Max. Resolution	
ApertureF2.2ApertureFixed-irisIris typeFixed-irisField of View180° (horizontal) 120° (vertical) 180° (diagonal)Shutter Time1/5 sec. to 1/32.000 sec.WDR TechnologyWDR ProDay/NightYesRemovable IR-cut filterYesIR IlluminatorsBuil-in IR illuminators, effective up to 15 meters with Smart IRMinimum Illumination0.11 Lux @F2.2 (Color) 0.11 Lux @F2.2 (Color) 0.12 Lux @F2.2 (FW) 0.11 Lux @F2.2 (Color) 0.11	Lens Type	
Iris typeFixed-irisIris typeFixed-irisField of View180° (horizontal) 120° (vertical) 120° (vertical) 120° (vertical) 120° (diagonal)Shutter Time1/5 sec. to 1/32.000 sec.WDR TechnologyWDR ProDay/NightYesRemovable IR-cut filterYesIR IlluminatorsBuil-in IR illuminators, effective up to 15 meters with Smart IRMinimum Illumination0.11 Lux @F2.2 (Color) 0.01 Lux @F2.2 (B/W) 0.01 Lux @F2.2 (D/W) 0.01 Lux @F2.2 (D/W) 0.01 L	Focal Length	f = 1.45 mm
Field of ViewHat Boo (horizontal) 120° (vertical) 180° (diagonal)Shutter Time1/5 sec. to 1/32.000 sec.WDR TechnologyWDR ProDay/NightYesRemovable IR-cut filterYesIR IlluminatorsBuil-in IR illuminators, effective up to 15 meters with Smart IRMinimum Illumination0.11 Lux @ F2.2 (Color) 0.11 Cux @ F2.2 (Color) 0.11 Lux @ F2.2 (Co	Aperture	F2.2
Field of View120° (vertical) 180° (diagonal)Shutter Time1/5 sec. to 1/32,000 sec.WDR TechnologyWDR ProDay/NightYesRemovable IR-cut filterYesIR IlluminatorsBuil-in IR illuminators, effective up to 15 meters with Smart IRMinimum Illumination0.11 Lux @ F2.2 (Color) 0.01 Lux @ F2.2 (B/W) 0 Lux with IR Illuminators onTilt Range±25°Pan/Tilt/ZoomBPTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)On-board StorageSlot type: MicroSD/SDHC/SDXC card slot Seamless RecordingVideo120 fps @ 2560x1920 (WDR On) 30 fps @ 200 fps @ 2	Iris type	Fixed-iris
WDR TechnologyWDR ProDay/NightYesRemovable IR-cut filterYesIR IlluminatorsBuil-in IR illuminators, effective up to 15 meters with Smart IRMinimum Illumination0.11 Lux @ F2.2 (Color) 0.01 Lux @ F2.2 (B/W) 0.11 Lux @ F2.2 (D/W) 0.11 Lux @ F2.2 (D/W) 0.11 Lux @ F2.2 (D/W) 0.11 Lux @ F2.2 (B/W) 0.11 Lux @ F2.2 (B/W) 0.11 Lux @ F2.2 (B/W) 0.11 Lux @ F2.2 (D/W) 0.11 Lux @ F2.2 (B/W) 0.11 Lux @ F2.2 (D/W) 0.11 Lux @ F2.2 (B/W) 0.11 Lux @ F2.2 (B/W) 0.11 Lux @ F2.2 (B/W) 0.11 Lux @ F2.2 (D/W) 0.11 Lux @ F2.2 (B/W) 0.11 Lux @ F2.2 (B/W) 0.11 Lux @ F2.2 (B/W) 0.11 Lux @ F2.2 (D/W) 0.11 Lu	Field of View	120° (vertical)
Day/NightYesRemovable IR-cut filterYesIR IlluminatorsBuil-in IR illuminators, effective up to 15 meters with Smart IRMinimum Illumination0.11 Lux @ F2.2 (Color) 0.01 Lux @ F2.2 (B/W) 0.01 Lux @ F2.2 (B/W) 0.01 Lux @ F2.2 (B/W)Minimum IlluminationePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)Tilt Range±25°Pan/Tilt/Zoom FunctionalitiesePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)On-board StorageSlot type: MicroSD/SDHC/SDXC card slot Seamless RecordingVideo20 fps @ 2560x1920 (WDR On) 30 fps @ 2560x1920 (WDR On) 30 fps @ 2560x1920 (WDR On) 30 fps @ 2560x1920 (WDR Off)Maximum Frame Rate20 fps @ 2560x1920 (WDR On) so fps @ 2560x1920 (WDR Off)Maxinum Streams3 simultaneous streamsS/N Ratio62 dBVideo StreamingIime stamp, text overlay, flip and mirror, scheduled profile settings, configurable byfintess/contrast/stauration/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, defog, 3DNR, pixel calculatorAudioOne-way Audio	Shutter Time	1/5 sec. to 1/32,000 sec.
Removable IR-cut filterYesIR IlluminatorsBuil-in IR illuminators, effective up to 15 meters with Smart IRMinimum Illumination0.11 Lux @ F2.2 (Color) 0.01 Lux @ F2.2 (B/W) 0 Lux with IR Illuminators onTilt Range±25°Pan/Tilt/Zoom FunctionalitiesePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)On-board StorageSlot type: MicroSD/SDHC/SDXC card slot Seamless RecordingVideoCompressionH.265, H.264, MJPEGMaximum Frame Rate20 fps @ 2560x1920 (WDR On) 30 fps @ 2560x1920 (WDR Off)Maximum Streams3 simultaneous streamsS/N Ratio62 dBDynamic Range120 dBVideo StreamingTime stamp, text overlay, flip and mirror, scheduled profile settings, configurable brightness/contrast/saturation/snapess, white balance, exposure control, gain, backlight compensation, privacy masks, defog, 3DNR, pixel calculatorAudio CapabilityOne-way Audio	WDR Technology	WDR Pro
IR IlluminatorsBuill-in IR illuminators, effective up to 15 meters with Smart IRMinimum Illumination0.11 Lux @ F2.2 (Color) 0.01 Lux @ F2.2 (B/W) 0 Lux with IR Illuminators onTilt Range±25°Pan/Tilt/ZoomePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)On-board StorageSlot type: MicroSD/SDHC/SDXC card slot Seamless RecordingVideoKaximum Frame Rate20 fps @ 2560x1920 (WDR On) 30 fps @ 2560x1920 (WDR On) 30 fps @ 2560x1920 (WDR Off)Maximum Streams3 simultaneous streamsS/N Ratio62 dBVideo StreamingAdjustable resolution, quality and bitrate; Smart Stream IIIImage SettingsTime stamp, text overlay, flip and mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, packlight compensation, privacy masks, acefog, 3DNR, pixel calculatorAudio CapabilityOne-way Audio	Day/Night	Yes
Ik illumindiorsmeters with Smart IRMinimum Illumination0.11 Lux @ F2.2 (Color) 0.01 Lux @ F2.2 (B/W) 0 Lux with IR Illuminators onTilt Range±25°Pan/Tilt/Zoom FunctionalitiesePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)On-board StorageSlot type: MicroSD/SDHC/SDXC card slot Seamless RecordingVideoCompressionH.265, H.264, MJPEGMaximum Frame Rate20 fps @ 2560x1920 (WDR On) 30 fps @ 2560x1920 (WDR Off)Maximum Streams3 simultaneous streamsS/N Ratio62 dBDynamic Range120 dBVideo StreamingTime stamp, text overlay, flip and mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, acefog, 3DNR, pixel calculatorAudio CapabilityOne-way Audio	Removable IR-cut filter	Yes
Minimum Illumination0.01 Lux @ F2.2 (B/W) 0 Lux with IR Illuminators onTilt Range±25°Pan/Tilt/Zoom FunctionalitiesePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)On-board StorageSlot type: MicroSD/SDHC/SDXC card slot Seamless RecordingVideoCompressionH.265, H.264, MJPEGMaximum Frame Rate20 fps @ 2560x1920 (WDR On) 30 fps @ 2560x1920 (WDR Off)Maximum Streams3 simultaneous streamsS/N Ratio62 dBDynamic Range120 dBVideo StreamingTime stamp, text overlay, flip and mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, defog, 3DNR, pixel calculatorAudio CapabilityOne-way Audio	IR Illuminators	
Pan/Tilt/Zoom FunctionalitiesePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)On-board StorageSlot type: MicroSD/SDHC/SDXC card slot Seamless RecordingVideoCompressionH.265, H.264, MJPEGMaximum Frame Rate20 fps @ 2560x1920 (WDR On) 30 fps @ 2560x1920 (WDR Off)Maximum Streams3 simultaneous streamsS/N Ratio62 dBDynamic Range120 dBVideo StreamingTime stamp, text overlay, flip and mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, defog, 3DNR, pixel calculatorAudio CapabilityOne-way Audio	Minimum Illumination	0.01 Lux @ F2.2 (B/W)
Functionalitiesbuilt-in)built-in)On-board StorageSlot type: MicroSD/SDHC/SDXC card slot Seamless RecordingVideoCompressionH.265, H.264, MJPEGMaximum Frame Rate20 fps @ 2560x1920 (WDR On) 30 fps @ 2560x1920 (WDR Off)Maximum Streams3 simultaneous streamsS/N Ratio62 dBDynamic Range120 dBVideo StreamingAdjustable resolution, quality and bitrate; Smart Stream IIIImage SettingsTime stamp, text overlay, flip and mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, defog, 3DNR, pixel calculatorAudio CapabilityOne-way Audio	Tilt Range	±25°
VideoVideoCompressionH.265, H.264, MJPEGMaximum Frame Rate20 fps @ 2560x1920 (WDR On) 30 fps @ 2560x1920 (WDR Off)Maximum Streams3 simultaneous streamsS/N Ratio62 dBDynamic Range120 dBVideo StreamingAdjustable resolution, quality and bitrate; Smart Stream IIIImage SettingsTime stamp, text overlay, flip and mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, defog, 3DNR, pixel calculatorAudio CapabilityOne-way Audio		
CompressionH.265, H.264, MJPEGMaximum Frame Rate20 fps @ 2560x1920 (WDR On) 30 fps @ 2560x1920 (WDR Off)Maximum Streams3 simultaneous streamsS/N Ratio62 dBDynamic Range120 dBVideo StreamingAdjustable resolution, quality and bitrate; Smart Stream IIIImage SettingsTime stamp, text overlay, flip and mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, defog, 3DNR, pixel calculatorAudio CapabilityOne-way Audio	On-board Storage	
Maximum Frame Rate20 fps @ 2560x1920 (WDR On) 30 fps @ 2560x1920 (WDR Off)Maximum Streams3 simultaneous streamsS/N Ratio62 dBDynamic Range120 dBVideo StreamingAdjustable resolution, quality and bitrate; Smart Stream IIIImage SettingsTime stamp, text overlay, flip and mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, defog, 3DNR, pixel calculatorAudio CapabilityOne-way Audio	Video	
Maximum Hame Kale30 fps @ 2560x1920 (WDR Off)Maximum Streams3 simultaneous streamsS/N Ratio62 dBDynamic Range120 dBVideo StreamingAdjustable resolution, quality and bitrate; Smart Stream IIIImage SettingsTime stamp, text overlay, flip and mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, defog, 3DNR, pixel calculatorAudio CapabilityOne-way Audio	Compression	H.265, H.264, MJPEG
S/N Ratio62 dBDynamic Range120 dBVideo StreamingAdjustable resolution, quality and bitrate; Smart Stream IIIImage SettingsTime stamp, text overlay, flip and mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, defog, 3DNR, pixel calculatorAudioOne-way Audio	Maximum Frame Rate	
Dynamic Range 120 dB Video Streaming Adjustable resolution, quality and bitrate; Smart Stream III Image Settings Time stamp, text overlay, flip and mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, defog, 3DNR, pixel calculator Audio One-way Audio	Maximum Streams	3 simultaneous streams
Video Streaming Adjustable resolution, quality and bitrate; Smart Stream III Image Settings Time stamp, text overlay, flip and mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, defog, 3DNR, pixel calculator Audio One-way Audio	S/N Ratio	62 dB
Video streaming Smart Stream III Image Settings Time stamp, text overlay, flip and mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, defog, 3DNR, pixel calculator Audio One-way Audio	Dynamic Range	120 dB
Image Settingsscheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, defog, 3DNR, pixel calculatorAudioOne-way Audio	Video Streaming	
Audio Capability One-way Audio	Image Settings	scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks,
	Audio	
Compression G.711, G.726	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
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	10Base-T/100 BaseTX Ethernet (RJ-45) *It is highly recommended to use standard Cat. 5e & Cat. 6 cables which are compliant with the 3P/ETL standard.
ONVIF	Supported, specification available at www.onvif.org
Intelligent Video	
Video Motion Detection	Five-window video motion detection
VADP Package	Genetec Package, Trend Micro IoT Security
Alarm and Event	
Alarm Triggers	Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection, audio detection, SD card life expectancy, cybersecurity events (brute force attack event, cyberattack event and 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. 6.7 W
Dimensions	159.9 x 71.92 x 60.2 mm (Dome to rear panel), 39.2 mm (Flat to rear panel)
Weight	492 g
Casing	IP66, IK10
Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL
Operating Temperature	Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°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

Technical Specifications

Other Players	VLC: 1.1.11 or above QuickTime: 7 or above	
Included Accessories		
Others	Quick installation guide, warranty card, mounting bracket, tilt bracket, screw pack	
Dimensions		
71.92 mm 39.2 mm 158.9 mm		



All specifications are subject to change without notice. Copyright © VIVOTEK INC. All rights reserved. Ver. 2

6F, No.192, Lien-Cheng Rd., Chung-Ho, New Taipei City, 235, Taiwan, R.O.C. | T: +886-2-82455282 | F: +886-2-82455532 | E: sales@vivotek.com | W: www.vivotek.com