

MILESIGHT H.265 PRODUCT CATALOGUE

Megapixel Series Network Camera · NVR · VMS



Naming Convention

■ NETWORK CAMERA:

[Model]: MS-C2962-(R)F(I)PB ----2MP H.265 Remote Focus&Zoom Pro Bullet Camera

MS-C	<u>2</u>	<u>9</u>	<u>62-</u>	<u>R</u>	<u>F</u>	<u>I</u>	<u>PB</u>
	2 - 2MP 3 - 3MP 4 - 4MP	4/7/9 - Sensor	51 - Pro Box 61 - Mini PTZ Bullet 62 - Pro Bullet 63 - Mini Bullet 72 - Pro Dome 73 - Vandal-proof Mini Dome 81 - Mini Dome 82 - IR Mini Dome				
				R - High Frame Rate F - Motorized Vari-focal Lens I - P-Iris Supported P - PoE Supported E - AF Lens B - H.265 Compression Note: In a sequence from top to bottom			

■ NETWORK VIDEO RECORDER:

[Model]: MS-N7032-UPH ----32-channel 4K/H.265 PoE NVR

MS-N	<u>7</u>	<u>032-</u>	<u>U</u>	<u>P</u>	<u>H</u>
	1 - 2*HDD(2.5")/1*HDD(3.5") 5 - 2*HDD(3.5") 7 - 4*HDD(3.5") 8 - 8*HDD(3.5")	009 - 9-CH 016 - 16-CH 032 - 32-CH	U - 4K	P - PoE	T/H - H.265 Compression

About US

Milesight is a professional high-tech enterprise specializing in the design and manufacture of best-in-class IP surveillance solutions with superior image quality, exceptional flexibility and reliability for the global market.





Sales and Marketing

Milesight maintains trustworthy and close relationship with partners through a worldwide network of distributors and resellers. Based on customer-orientated spirit, Milesight offers real-time technical support and sales service, being your reliable partner in the market.

R&D Strength

Milesight's core competence lies in its strong R&D capability. Based on solid knowledge and years of experience, Milesight is able to introduce innovative products and satisfy customers' needs with customized solutions.





Product Portfolio

Milesight offers a comprehensive IP video surveillance solution. The product line ranges from network cameras and NVRs to video management software from entry-level to high end, meeting demanding needs and various applications.



CATALOGUE

■ H.265 I-VIEW SERIES 12-27

- H.265 Mini Dome Series
- H.265 IR Mini Dome Series
- H.265 Vandal-proof Mini Dome Series
- H.265 Mini Bullet Series

■ H.265 IN-SIGHT SERIES 28-39

- H.265 Pro Dome Series
- H.265 Pro Bullet Series
- H.265 Pro Box Series

■ H.265 PTZ SERIES 40-43

- H.265 Mini PTZ Bullet Series

■ 4K/H.265 NVR SERIES 44-55

- 4K/H.265 Mini NVR 1000 Series
- 4K/H.265 Pro NVR 5000 Series
- 4K/H.265 Pro NVR 7000 Series
- 4K/H.265 Pro NVR 8000 Series

■ 4K/H.265 PoE NVR SERIES 56-61

- 4K/H.265 Mini PoE NVR 1000 Series
- 4K/H.265 PoE NVR 5000 Series
- 4K/H.265 PoE NVR 7000 Series

■ SOFTWARE SERIES 62-65

- Milesight Smart Tools
- Milesight CMS
- Milesight VMS Pro
- Milesight Mobile APP

■ ACCESSORIES 66



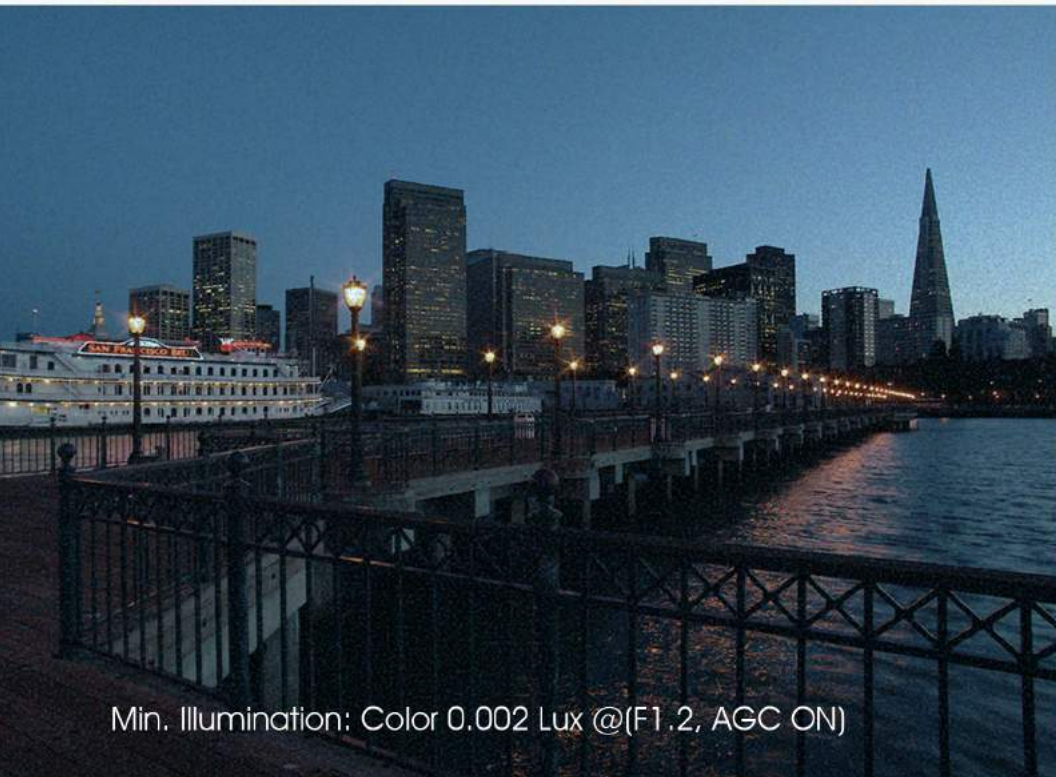
CATALOGUE

STARLIGHT NETWORK CAMERAS

Premium

Unparalleled 0.002Lux Starlight Visibility

The Starlight Premium series aims to offer best-in-class light sensitivity, providing reliable round-the-clock video surveillance regardless of the lighting conditions and making darkness visible.



Min. Illumination: Color 0.002 Lux @(F1.2, AGC ON)



B/W 0.001 Lux @(F1.2, AGC ON)



Milesight Super WDR OFF



Milesight Super WDR ON

Top-notch 140dB WDR

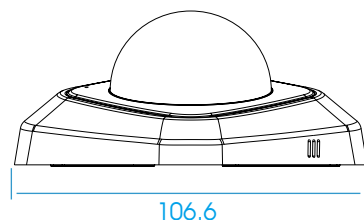
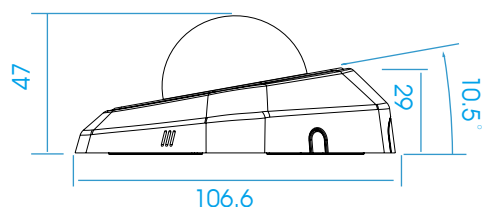
This super WDR technology allows the camera to record greater scene details with true color reproduction even where the intensity of illumination varies considerably, which is perfectly developed for extreme backlight and high contrast applications.

H.265 MINI DOME SERIES

2/4MP Mini Dome Network Camera



Dimensions(mm)



Key Features

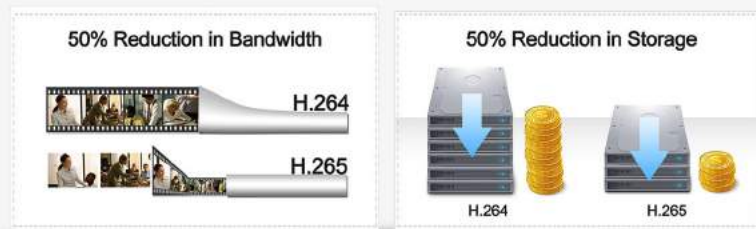
- 0.002Lux Starlight
- Super WDR up to 140dB
- H.265 High Efficiency Video Coding
- Built-in web server for IE/Firefox/Chrome/Safari preview
- 3D-DNR, Privacy Masking and Motion Detection
- Support Micro SD/SDHC/SDXC card local storage
- Built-in 802.3af Compliant PoE
- Built-in Microphone
- Support ONVIF Profile S



	Model	MS-C2981-PB(2MP)	MS-C4481-PB(4MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux @F1.2 B/W: 0.001Lux @F1.2	Color: 0.008Lux @F1.2 B/W: 0.004Lux @F1.2
	WDR	Super WDR	
	Lens	3.6mm/2.8mm/6mm @F1.6	
	Mount	M12	
	Field of View	H93.6° (3.6mm)	H85.2° (3.6mm)
	Shutter Time	1/100000s-1/5s	
Video	Max Image Resolution	30fps(1920X1080)	20fps(2592X1520)
	Video Compression	H.265(HEVC)/H.264/MJPEG	
	Video Bit Rate	16Kbps-16Mbps(CBR/VBR Adjustable)	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
Network	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Network Storage	NAS(Support NFS, SMB/CIFS)	
	Protocol	IPv4/IPv6, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN	
Audio	Audio Streaming	Built-in Microphone	
	Audio Compression	G.711/AAC	
System	Storage	Support Micro SD/SDHC/SDXC Local Storage, up to 128G	
	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 3D-DNR, ROI	
	SIP/VoIP Support	Yes, Voice & Video-over-IP	
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, etc.	
	Event Action	FTP Upload/ SMTP Upload/ SD Card Record/ SIP Phone	
	System Compatibility	ONVIF Profile S	
General	Dimensions/Weight	106.6mmX106.6mmX47mm/125g	

H.265 Compression

Milesight H.265 Series network cameras boast to support the latest H.265 compression which is acclaimed to have 50% reduction in bandwidth, storage and bitrate compared with H.264 while maintaining the same visual quality.



140dB Super WDR

Milesight's sensor-based WDR technology allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.

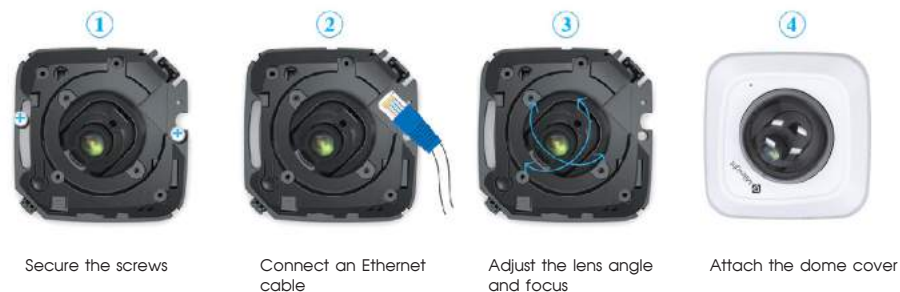
0.002Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux(Color) or 0.001Lux(B/W), and near infrared light environments without any supplementary lighting.



Easy Installation & Adjustment

With a built-in RJ45 port, PoE functionality and 3-axis mechanical design, the installation steps of Milesight Mini Dome Camera are as easy as ABC.



3-Axis Mechanical Design

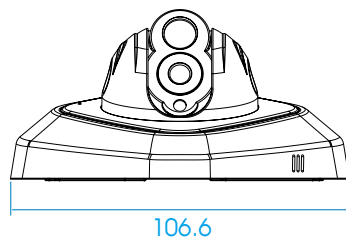
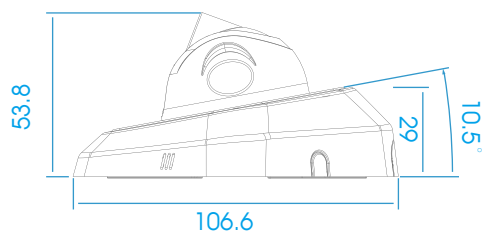
Milesight Mini Dome Camera features 3-axis mechanical design for fast and easy adjustment of the camera's viewing angle, allowing you to precisely position the camera.

H.265 IR MINI DOME SERIES

2/4MP IR Mini Dome Network Camera



Dimensions(mm)



Key Features

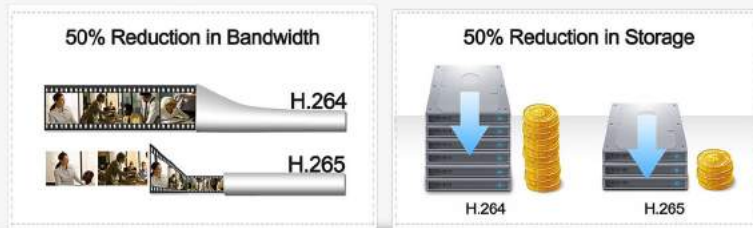
- 0.002Lux Starlight
- Super WDR up to 140dB
- H.265 High Efficiency Video Coding
- Built-in ICR Filter for Day/Night switching
- Built-in web server for IE/Firefox/Chrome/Safari preview
- 3D-DNR, Privacy Masking and Motion Detection
- Support Micro SD/SDHC/SDXC card local storage
- Built-in efficient IR LEDs, IR distance up to 15m
- Built-in 802.3af Compliant PoE
- Built-in Microphone
- Support ONVIF Profile S



	Model	MS-C2982-PB(2MP)	MS-C4482-PB(4MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux @F1.2 B/W: 0Lux with IR on	Color: 0.008Lux @F1.2 B/W: 0Lux with IR on
	WDR	Super WDR	
	Lens	3.6mm/2.8mm/6mm @F1.6	
	Field of View	H93.6° (3.6mm)	H85.2° (3.6mm)
	Shutter Time	1/100000s~1/5s	
	IR Distance	Up to 15m	
	Day&Night	ICR Filter Auto Switch	
Video	Max Image Resolution	30fps(1920X1080)	20fps(2592X1520)
	Video Compression	H.265(HEVC)/H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
Network	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Network Storage	NAS(Support NFS, SMB/CIFS)	
	Protocol	IPv4/IPv6, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN	
Audio	Audio Streaming	Built-in Microphone	
	Audio Compression	G.711/AAC	
System	Storage	Support Micro SD/SDHC/SDXC Local Storage, up to 128G	
	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 3D-DNR, ROI	
	SIP/VoIP Support	Yes, Voice & Video-over-IP	
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, etc.	
	Event Action	FTP Upload/ SMTP Upload/ SD Card Record/ SIP Phone	
	System Compatibility	ONVIF Profile S	
General	Dimensions/Weight	106.6mmX106.6mmX53.8mm/150g	

H.265 Compression

Milesight H.265 Series network cameras boast to support the latest H.265 compression which is acclaimed to have 50% reduction in bandwidth, storage and bitrate compared with H.264 while maintaining the same visual quality.



140dB Super WDR

Milesight's sensor-based WDR technology allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.



Easy Installation & Adjustment

With a built-in RJ45 port, PoE functionality and 3-axis mechanical design, the installation steps of Milesight IR Mini Dome Camera are as easy as ABC.

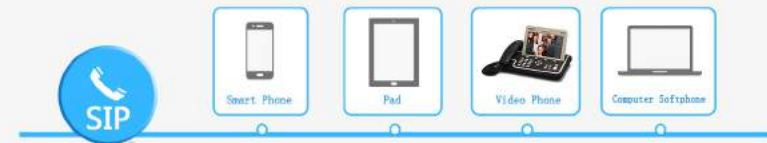


0.002Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.

SIP/VoIP Support

With the built-in microphone, Milesight IR Mini Dome Camera features industry leading SIP/VoIP function and video streaming for mobile phones and video phones.

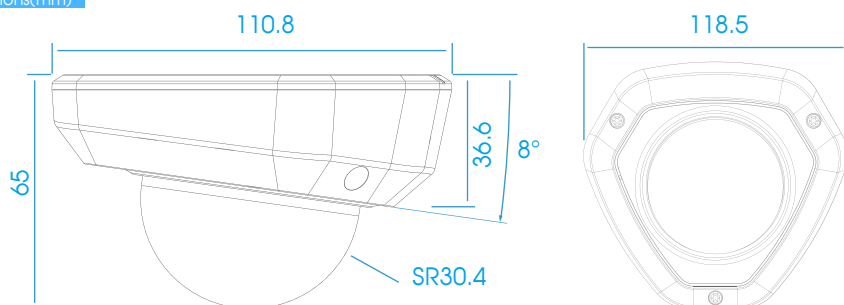


H.265 VANDAL-PROOF MINI DOME SERIES

2/4MP Vandal-proof Mini Dome Network Camera



Dimensions(mm)



Key Features

- 0.002Lux Starlight
- Super WDR up to 140dB
- H.265 High Efficiency Video Coding
- Built-in ICR Filter for Day/Night switching
- Built-in web server for IE/Firefox/Chrome/Safari preview
- 3D-DNR, Privacy Masking and Motion Detection
- Support Micro SD/SDHC/SDXC card local storage
- Weather-proof IP67 and Vandal-proof IK09-rated Metal Housing
- Built-in efficient IR LEDs, IR distance up to 20m
- Built-in 802.3af Compliant PoE
- Built-in Microphone
- Support ONVIF Profile S



	Model	MS-C2973-PB(2MP)	MS-C4473-PB(4MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux @F1.2 B/W: 0Lux with IR on	Color: 0.008Lux @F1.2 B/W: 0Lux with IR on
	WDR	Super WDR	
	Lens	3.6mm/2.8mm/6mm @F1.6	
	Field of View	H93.1° (3.6mm)	H85.2° (3.6mm)
	Shutter Time	1/100000s~1/5s	
	IR Distance	Up to 20m	
	Day&Night	ICR Filter Auto Switch	
Video	Max Image Resolution	30fps(1920X1080)	20fps(2592X1520)
	Video Compression	H.265(HEVC)/H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps (CBR/VBR Adjustable)	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
Network	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Network Storage	NAS(Support NFS, SMB/CIFS)	
	Protocol	IPv4/IPv6, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN	
Audio	Audio Streaming	Built-in Microphone	
	Audio Compression	G.711/AAC	
System	Storage	Support Micro SD/SDHC/SDXC Local Storage, up to 128G	
	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 3D-DNR, ROI	
	SIP/VoIP Support	Yes, Voice & Video-over-IP	
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, etc.	
	Event Action	FTP Upload/ SMTP Upload/ SD Card Record/ SIP Phone	
	System Compatibility	ONVIF Profile S	
General	Weather Proof	Up to IP67-rated for Weather-resistant Performance	
	Housing	Vandal-proof IK09-rated Metal Housing	
	Dimensions/Weight	110.8mmx118.5mmx65mm/500g	

H.265 Compression

Milesight H.265 Series network cameras boast to support the latest H.265 compression which is acclaimed to have 50% reduction in bandwidth, storage and bitrate compared with H.264 while maintaining the same visual quality.



140dB Super WDR

Milesight's sensor-based WDR technology allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.

0.002Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.



Unique Design for Easy Installation

The new model is designed for easy and quick installation. The 3-axis mechanical design, built-in Micro SD/SDHC/SDXC card slot and PoE module make it truly installer-friendly.



IK09-Rated Vandal-proof

With IK09-rated vandal-proof metal base and polycarbonate cover, the camera is rugged enough to withstand high impact force, shock, maintaining stable and reliable video, making it suitable for use in high-risk environments.

IP67-Rated Weather-proof

IP67-rated weather-proof housing protects the camera against humidity, dust, and temperature fluctuations, making it apt for outdoor surveillance in harsh climatic conditions.

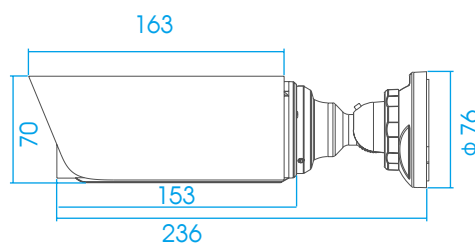
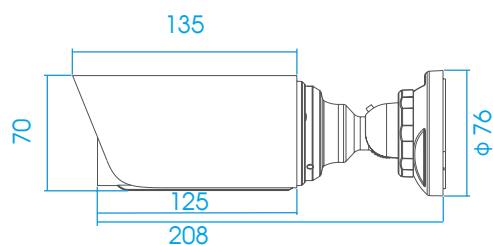


H.265 MINI BULLET SERIES

2/3/4MP Fixed/Motorized Mini Bullet Network Camera



Dimensions(mm)



Key Features

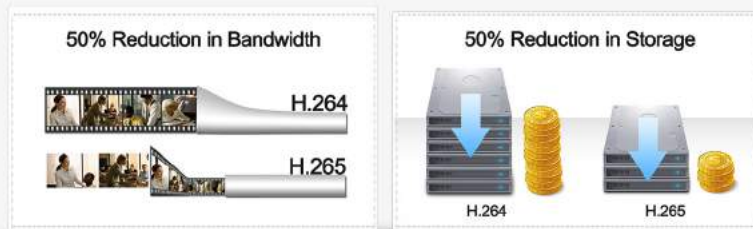
- 0.002Lux Starlight
- Super WDR up to 140dB
- H.265 High Efficiency Video Coding
- Integrated Motorized Varifocal Lens(Auto Focus)
- Built-in ICR Filter for Day/Night switching
- Built-in web server for IE/Firefox/Chrome/Safari preview
- 3D-DNR, Privacy Masking and Motion Detection
- Support Micro SD/SDHC/SDXC card local storage
- Built-in efficient IR LEDs, IR distance up to 25m
- Weather-proof IP67-rated Housing
- Built-in 802.3af Compliant PoE
- Support ONVIF Profile S



	Model	MS-C2963-F(I)PB(2MP)	MS-C3763-F(I)PB(3MP)	MS-C4463-F(I)PB(4MP)	MS-C2963-PB(2MP)	MS-C3763-PB(3MP)	MS-C4463-PB(4MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS		1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS		1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux @F1.2 B/W: 0Lux with IR on	Color: 0.005Lux @F1.2 B/W: 0Lux with IR on	Color: 0.008Lux @F1.2 B/W: 0Lux with IR on	Color: 0.002Lux @F1.2 B/W: 0Lux with IR on	Color: 0.005Lux @F1.2 B/W: 0Lux with IR on	Color: 0.008Lux @F1.2 B/W: 0Lux with IR on
	WDR	Super WDR					
	Lens	Motorized 2.8~12mm @F1.4 P-Iris(optional)			4mm/6mm @F1.6		
	Field of View	H99.1°~H35.6°(2.8~12mm)	H83.5°~H31.4°(2.8~12mm)	H87.9°~H32.6°(2.8~12mm)	H80.1°(4mm)	H71.5°(4mm)	H72.9°(4mm)
	Shutter Time	1/100000s~1/5s					
	IR Distance	Up to 25m					
	Day & Night	ICR Filter Auto Switch					
Video	Max Image Resolution	30fps(1920X1080)	30fps(2048X1536)	20fps(2592X1520)	30fps(1920X1080)	30fps(2048X1536)	20fps(2592X1520)
	Video Compression	H.265(HEVC)/H.264/MJPEG					
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)					
	Image Setting	Brightness/Contrast/Saturation/Sharpness					
Network	Ethernet	1*RJ45 10M/100M Ethernet Port					
	Network Storage	NAS(Support NFS, SMB/CIFS)					
	Protocol	IPv4/IPv6, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN					
System	Storage	Support Micro SD/SDHC/SDXC Local Storage, up to 128G					
	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 3D-DNR, ROI					
	SIP/VoIP Support	Yes, Voice & Video-over-IP					
	Event Trigger	Motion Detection, Network Disconnection, etc.					
	Event Action	FTP Upload/ SMTP Upload/ SD Card Record/ SIP Phone					
	System Compatibility	ONVIF Profile S					
General	Weather Proof	Up to IP67-rated for Weather-resistant Performance					
	Dimensions/Weight	φ 76mmX236mm/820g			φ 76mmX208mm/765g		

H.265 Compression

Milesight H.265 Series network cameras boast to support the latest H.265 compression which is acclaimed to have 50% reduction in bandwidth, storage and bitrate compared with H.264 while maintaining the same visual quality.



140dB Super WDR

Milesight's sensor-based WDR technology allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.

Waterproofing Design

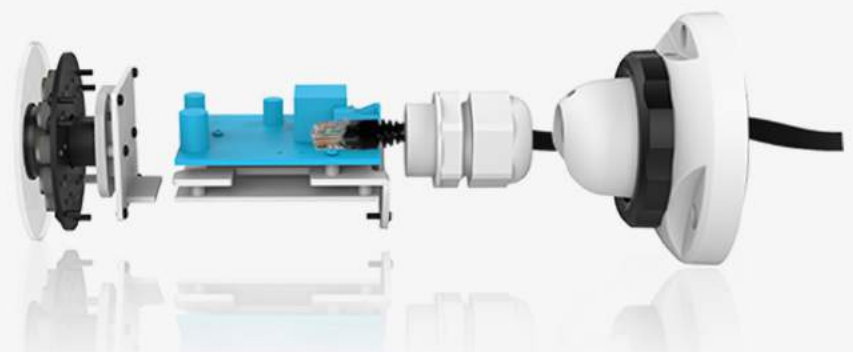
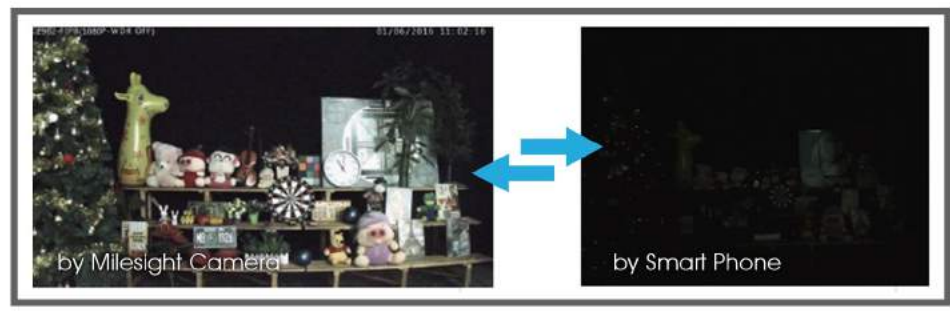
For easy management and waterproofing, the camera is also equipped with a mounting bracket that conceals the cable within, offering a well-rounded protection of the cable from any water, dust or shock damages.

IP67



0.002Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.



Built-in PoE Module

Milesight Mini Bullet Network Camera incorporates IEEE 802.3af Power over Ethernet technology, which eases installation by providing power and networking connectivity with a single cable, eliminating the need for additional power cables and reduces installation costs.

Easily Adjustable 3-Axis Bracket

The Mini Bullet Network Camera is easy to install on a wall or ceiling. It features 3-axis bracket which provides a robust mounting platform for tidy installation and camera angle adjustments on a 3-axis plane.

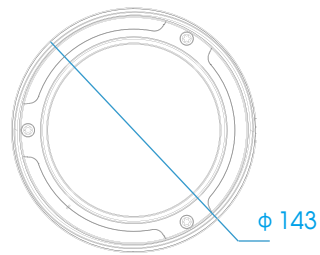
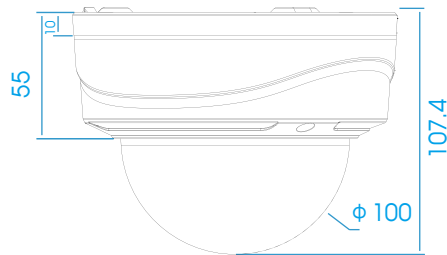


H.265 PRO DOME SERIES

2/3/4MP Remote Focus&Zoom Pro Dome Network Camera



Dimensions(mm)



Key Features

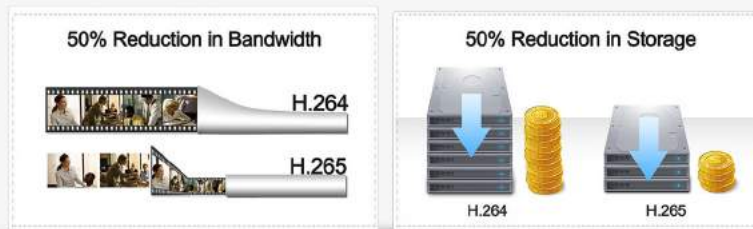
- 0.002Lux Starlight
- Super WDR up to 140dB
- H.265 High Efficiency Video Coding
- Integrated Motorized Varifocal Lens(Auto Focus)
- Built-in ICR Filter for Day/Night switching
- Built-in web server for IE/Firefox/Chrome/Safari preview
- 3D-DNR, Privacy Masking and Motion Detection
- Weather-proof IP66 and Vandal-proof IK10-rated Metal Housing
- Support Micro SD/SDHC/SDXC card local storage
- Built-in efficient IR LEDs, IR distance up to 30m
- Built-in 802.3af Compliant PoE
- Built-in Microphone
- Support ONVIF Profile S



	Model	MS-C2972-F(I)PB(2MP)	MS-C3772-F(I)PB(3MP)	MS-C4472-F(I)PB(4MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS		1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux @F1.2 B/W: 0Lux with IR on	Color: 0.005Lux @F1.2 B/W: 0Lux with IR on	Color: 0.008Lux @F1.2 B/W: 0Lux with IR on
	WDR	Super WDR		
	Lens	Motorized 3.0~10.5mm/7~22mm @F1.4 P-Iris(optional)		
	Field of View	H90° ~H31° (3.0~10.5mm)	H80° ~H29° (3.0~10.5mm)	H76.2° ~H25° (3.0~10.5mm)
	Shutter Time	1/100000s~1/5s		
	IR Distance	Up to 30m		
Day&Night	ICR Filter Auto Switch			
Video	Max Image Resolution	30fps(1920X1080)	30fps(2048X1536)	20fps(2592X1520)
	Video Compression	H.265(HEVC)/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
	Image Setting	Brightness/Contrast/Saturation/Sharpness		
Network	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Network Storage	NAS(Support NFS, SMB/CIFS)		
	Protocol	IPv4/IPv6, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN		
Audio	Audio Compression	G.711/AAC		
	Audio I/O	Built-in Microphone and 1 Audio Output interface		
System	Alarm I/O	1/1		
	Storage	Support Micro SD/SDHC/SDXC Local Storage, up to 128G		
	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 3D-DNR, ROI		
	SIP/VoIP Support	Yes, Voice & Video-over-IP		
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.		
	Event Action	FTP Upload/ SMTP Upload/ SD Card Record/ External Output/ SIP Phone		
	System Compatibility	ONVIF Profile S		
General	Weather Proof	Up to IP66-rated for Weather-resistant Performance		
	Housing	Vandal-proof IK10-rated Metal Housing		
	Dimensions/Weight	φ 143mmX107.4mm/1100g		

H.265 Compression

Milesight H.265 Series network cameras boast to support the latest H.265 compression which is acclaimed to have 50% reduction in bandwidth, storage and bitrate compared with H.264 while maintaining the same visual quality.



140dB Super WDR

Milesight's sensor-based WDR technology allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.

Clamshell Design

Aiming to reduce the installation troubles to the least, Milesight creatively introduces the clamshell design to the dome base. This revolutionary innovation enlarges the space to make cable connection a piece of cake, greatly saving efforts for installers.



Mounting Bracket

For installers, holding the camera body to secure the screws into the wall is a fatiguesome job. Being customer-oriented, Milesight optimized the hardware structure to avoid that with a light thin mounting bracket, installers could firstly secure the mounting bracket in the desired location and then insert the camera body, thus no unnecessary energy is wasted.



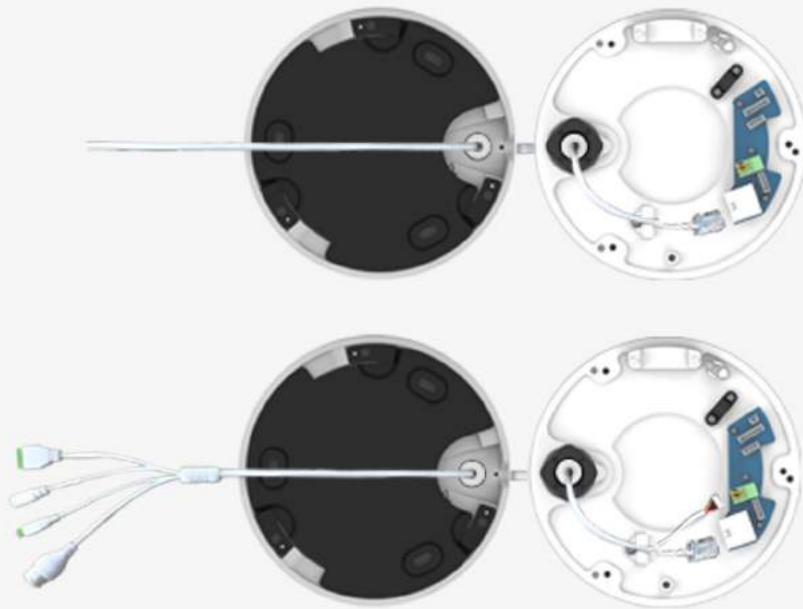


0.002Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.

P-Iris

By adjusting the most suitable aperture position, to fully use the best part of the lens, P-Iris can control iris more precisely, offering no diffraction under strong light to give you a more clear scene with depth of view.



Integrated Cable Management

In the base support, there are power interface, PoE port, and other interfaces. Thanks to integrated cable management, it takes no effort in installation.

H.265 PRO BULLET SERIES

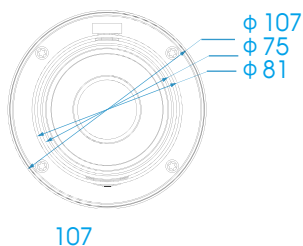
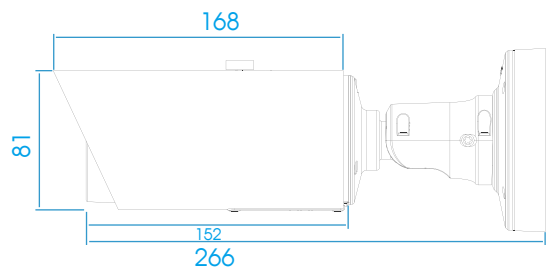
2/3/4MP Remote Focus&Zoom Pro Bullet Network Camera



Key Features

- 0.002Lux Starlight
- Super WDR up to 140dB
- H.265 High Efficiency Video Coding
- Integrated Motorized Varifocal Lens(Auto Focus)
- Built-in ICR Filter for Day/Night switching
- 3D-DNR, Privacy Masking and Motion Detection
- Support Micro SD/SDHC/SDXC card local storage
- Built-in efficient IR LEDs, IR distance up to 35m
- Weather-proof IP66-rated Housing
- Built-in 802.3af Compliant PoE
- Support ONVIF Profile S
- Support high frame rate up to 60fps(Optional)

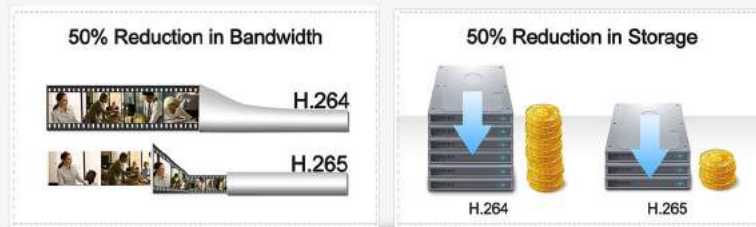
Dimensions(mm)



	Model	MS-C2962-(R)F(I)PB(2MP)	MS-C3762-F(I)PB(3MP)	MS-C4462-F(I)PB(4MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS		1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux @F1.2 B/W: 0Lux with IR on	Color: 0.005Lux @F1.2 B/W: 0Lux with IR on	Color: 0.008Lux @F1.2 B/W: 0Lux with IR on
	WDR	Super WDR		
	Lens	Motorized 3.0~10.5mm/7~22mm @F1.4 P-Iris(optional)		
	Field of View	H90° ~ H31° (3.0~10.5mm)	H80° ~ H29° (3.0~10.5mm)	H76.2° ~ H25° (3.0~10.5mm)
	Shutter Time	1/100000s~1/5s		
	IR Distance	Up to 35m		
Day & Night	ICR Filter Auto Switch			
Video	Max Image Resolution	60fps(1920X1080)(optional) 30fps(1920X1080)	30fps(2048x1536)	20fps(2592X1520)
	Video Compression	H.265(HEVC)/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
Image Setting	Brightness/Contrast/Saturation/Sharpness			
Network	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Network Storage	NAS(Support NFS, SMB/CIFS)		
	Protocol	IPv4/IPv6, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN		
Audio	Audio Compression	G.711/AAC		
	Audio I/O	1/1		
System	Alarm I/O	1/1		
	Storage	Support Micro SD/SDHC/SDXC Local Storage, up to 128G		
	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 3D-DNR, ROI		
	SIP/VoIP Support	Yes, Voice & Video-over-IP		
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.		
	Event Action	FTP Upload/ SMTP Upload/ SD Card Record/ External Output/ SIP Phone		
System Compatibility	ONVIF Profile S			
General	Weather Proof	Up to IP66-rated for Weather-resistant Performance		
	Dimensions/Weight	φ 107mmx266mm/1080g		

H.265 Compression

Milesight H.265 Series network cameras boast to support the latest H.265 compression which is acclaimed to have 50% reduction in bandwidth, storage and bitrate compared with H.264 while maintaining the same visual quality.



140dB Super WDR

Milesight's sensor-based WDR technology allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.



Integrated Cable Management

In the base support, there are power interface, PoE port, and other interfaces. Thanks to integrated cable management, it takes no effort in installation.

3rd Generation Dot Matrix IR LEDs

In order to provide superior night visibility, Milesight Motorized Bullet employs the 3rd generation dot matrix IR LEDs, essentially guaranteeing excellent image quality, long lifespan and energy efficiency.





0.002Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.

P-Iris

By adjusting the most suitable aperture position, to fully use the best part of the lens, P-Iris can control iris more precisely, offering no diffraction under strong light to give you a more clear scene with depth of view.

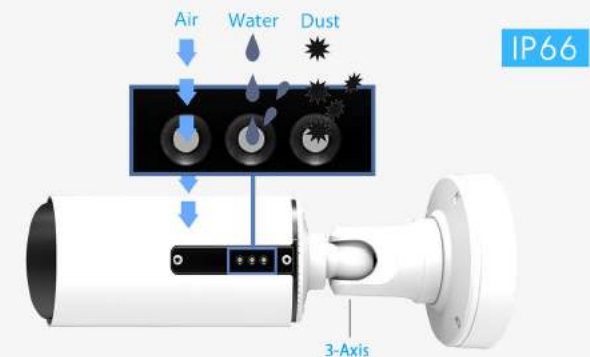


60fps

The camera offers super high frame rate up to 60fps@1080P resolution which is double the number of frames offered by conventional HD network cameras. This technology enables the camera to capture stable and latency free clear images on fast moving objects.

Waterproofing Design

For easy management and waterproofing, the camera is also equipped with a mounting bracket that conceals the cable within, offering a well-rounded protection of the cable from any water, dust or shock damages.



H.265 PRO BOX CAMERA SERIES

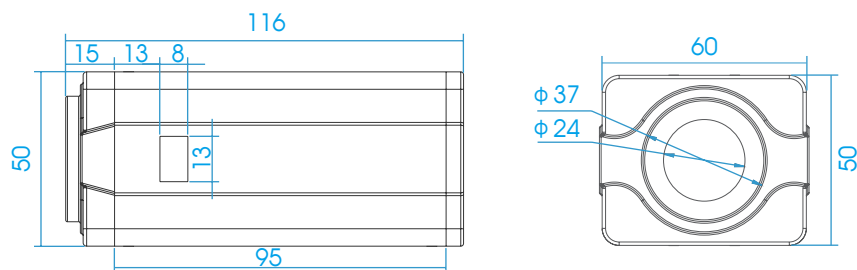
2/3/4MP Pro Box Network Camera



Key Features

- 0.002Lux Starlight
- Super WDR up to 140dB
- H.265 High Efficiency Video Coding
- Built-in ICR Filter for Day/Night switching
- Built-in web server for IE/Firefox/Chrome/Safari preview
- 3D-DNR, Privacy Masking and Motion Detection
- I/O Interface, FTP Upload, Email Alert for Alarm Processing
- RS485 Interface for PTZ Camera Control
- Support Micro SD/SDHC/SDXC card local storage
- Built-in 802.3af Compliant PoE
- Support ONVIF Profile S

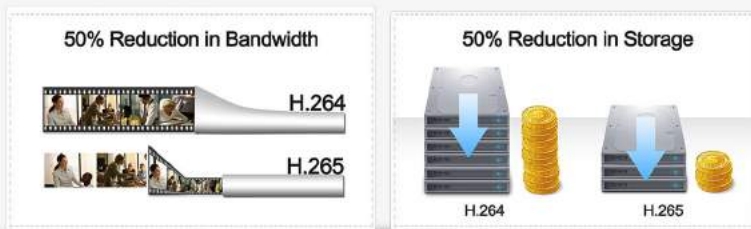
Dimensions(mm)



	Model	MS-C2951-PB(2MP)	MS-C3751-PB(3MP)	MS-C4451-PB(4MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS		1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux @F1.2 B/W: 0.001Lux @F1.2	Color: 0.005Lux @F1.2 B/W: 0.002Lux @F1.2	Color: 0.008Lux @F1.2 B/W: 0.004Lux @F1.2
	WDR	Super WDR		
	Shutter time	1/100000s~1/5s		
	Day & Night	ICR Filter Auto Switch		
Video	Max Image Resolution	30fps(1920X1080)	30fps(2048X1536)	20fps(2592X1520)
	Video Compression	H.265(HEVC)/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
	Image Setting	Brightness/Contrast/Saturation/Sharpness		
Network	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Network Storage	NAS(Support NFS, SMB/CIFS)		
	Protocol	IPv4/IPv6, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN		
Audio	Audio Compression	G.711/AAC		
	Audio I/O	1/1		
System	Alarm I/O	1/1		
	Storage	Support SD/SDHC/SDXC Local Storage, up to 128G		
	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 3D-DNR, ROI		
	SIP/VoIP Support	Yes, Voice & Video-over-IP		
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, External Input, etc.		
	Event Action	FTP Upload/ SMTP Upload/ SD Card Record/ External Output/ SIP Phone		
	System Compatibility	ONVIF Profile S		
General	Dimensions/Weight	116mmX60mmX50mm/375g		

H.265 Compression

Milesight H.265 Series network cameras boast to support the latest H.265 compression which is acclaimed to have 50% reduction in bandwidth, storage and bitrate compared with H.264 while maintaining the same visual quality.



140dB Super WDR

Milesight's sensor-based WDR technology allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.



0.002Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux(Color) or 0.001Lux(B/W), and near infrared light environments without any supplementary lighting.



Versatile Interfaces

In the base, the Box Network Camera comes with a whole array of built-in interfaces such as PTZ control, Alarm I/O, Ethernet port, power connector, SD card slot, reset button, Audio I/O, power and error LEDs. Such complete interface design is available to meet your different kinds of video surveillance needs.

Various Zoom Lens Supported

The Box Network Camera allows you to choose different zoom lens and the various lens can give you new perspectives, which perfectly caters to customers' needs for flexible surveillance.



H.265 PTZ SERIES

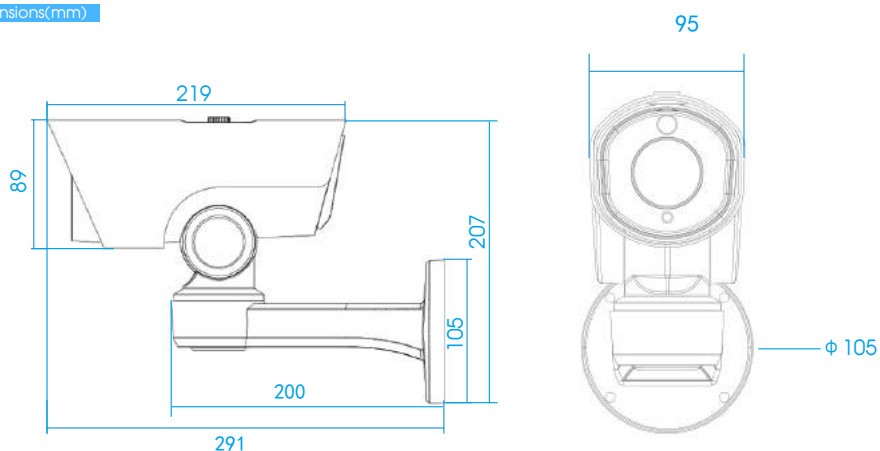
2/4MP Mini PTZ Bullet Network Camera



Key Features

- 12x AF Lens
- 360° endless pan and -45°~30° tilt
- 255 Preset Points and 8 Patrols
- 0.002Lux starlight
- Super WDR up to 140dB
- H.265 High Efficiency Video Coding
- Weather-proof IP66-rated Housing
- Support Micro SD/SDHC/SDXC card local storage
- Built-in efficient IR LEDs and white LED, IR distance up to 60m
- Built-in ICR Filter for Day/Night switching
- Support ONVIF Profile S

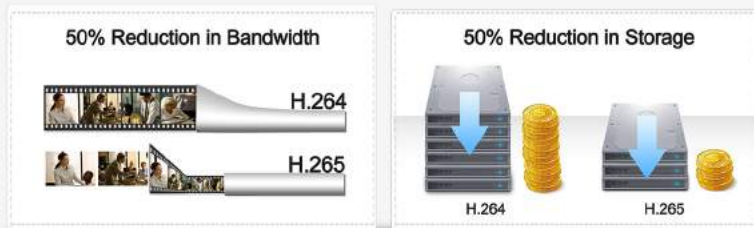
Dimensions(mm)



	Model	MS-C2961-EB(2MP)	MS-C4461-EB(4MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux @F1.2 B/W: 0Lux with IR on	Color: 0.008Lux @F1.2 B/W: 0Lux with IR on
	WDR	Super WDR	
	Shutter time	1/100000s~1/5s	
	Lens	5.3~64mm @F1.6~F2.8, 12x AF Lens	
	Zoom Speed	3.1s	
	Field of View	H59.4°~H5.1°(Wide-Tele)	
	Minimum Working Distance	1000~1500mm (Wide-Tele)	
PTZ	Pan/Tilt Range	360° endless/-45°~30°	
	Pan Speed	Pan Manual Speed: 0.2°~60°/s, Pan Preset Speed: 100°/s	
	Tilt Speed	Tilt Manual Speed: 0.2°~30°/s, Tilt Preset Speed: 60°/s	
	Proportional Zoom	Support	
	Preset Quantity	255	
	Patrol	8 Patrols, up to 48 presets each patrol	
	Pattern	4 Patterns	
	Power Loss Recovery	Support	
Video	Max Image Resolution	30fps(1920x1080)	20fps(2592x1520)
	Video Compression	H.265(HEVC)/H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
Network	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Network Storage	NAS(Support NFS, SMB/CIFS)	
	Protocol	IPv4/IPv6, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN	
System	Audio Compression	G.711/AAC	
	Storage	Support Micro SD/SDHC/SDXC Local Storage, up to 128G	
	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 3D-DNR, ROI	
	SIP/VoIP Support	Yes, Voice & Video-over-IP	
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.	
	Dimensions/Weight	291mmx207mmx95mm/2Kg	

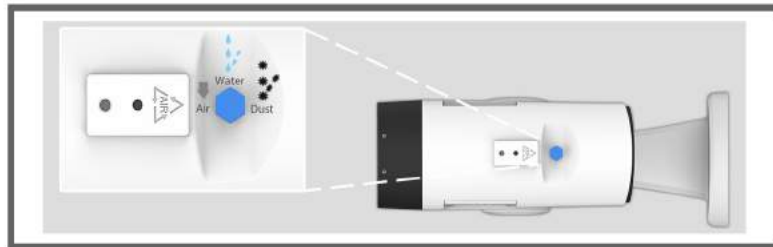
H.265 Compression

Milesight H.265 Series network cameras boast to support the latest H.265 compression which is acclaimed to have 50% reduction in bandwidth, storage and bitrate compared with H.264 while maintaining the same visual quality.



140dB Super WDR

Milesight's sensor-based WDR technology allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.



Waterproof Breathable Screw-in Vent

High waterproof and air permeable performance to reduce fogging, prevent condensation, eliminate moisture, and improve the life of the product.

IR LEDs & White LED

Enable 60 meters distinct images at night with IR LEDs as well as express alarm and deliver colorful surveillance with the White LED.



Zoom in

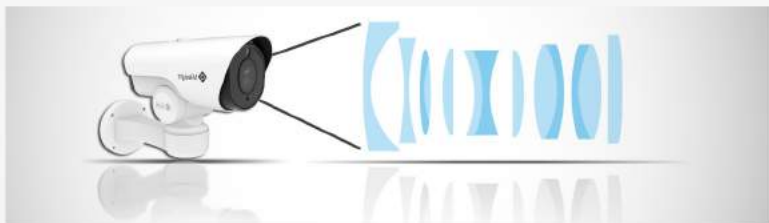


3D Positioning

Milesight Mini PTZ Bullet Network Camera can be easily controlled via the use of a mouse which is truly user-friendly. Left click on any position of interest in the video image, and the position will right become the center of the current monitoring area. Use the left button of a mouse to drag a rectangle area, then the area will become the central area of monitoring with automatic zoom in or zoom out action. Rolling the mouse wheel up and down, the video image will be zoomed in and zoomed out immediately.

12x AF Lens

The 12x AF lens can zoom up to distant subjects while still maintaining the clarity, delivering high quality video over the entire zoom range.



0.002Lux Ultra Low-light

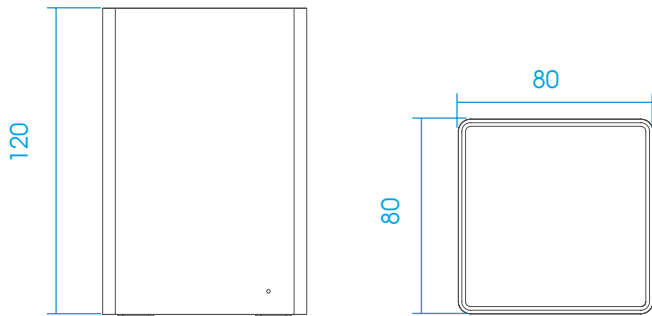
The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.

4K/H.265 MINI NVR 1000 SERIES

Ultra-Mini Size 4K/H.265 Mini NVR



Dimensions(mm)



Key Features

- Friendly GUI for configuration
- High profile H.265/H.264 decoding
- Support HDMI
- Support 9-CH network cameras with up to 720P resolution
- Full support 2 SATA, up to 2TB capacity for each SATA
- Multiple-level users
- Dual stream
- Ultra high definition 3840X2160 resolution
- Size: 80mm(W)X80mm(D)X120mm(H)



	Model	MS-N1009-UT
Video/Audio Input	Network Video Input	9-CH
	Bandwidth	90Mbps
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz, HDMI Supports Audio Output
	Dual Stream	Support
	Synchronous Preview/Playback	2*(30fps @8MP), 4*(20fps @4MP), 5*(30fps @3MP), 8*(30fps @1080P), 9*(30fps @720P)
	Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF
Video/Audio Compression	Video Compression	H.265(HEVC)/H.264
	Audio Compression	G.711 U-Law
	Sample Rate	8KHz/16KHz
	Synchronous Recording	9*4MP
Storage	Drivers	2*SATA HDD(2.5")
	Capacity	Up to 2TB capacity for each HDD
Recording Management	Recording	Manual Recording, Timing Recording, Motion Detection Recording
	Snapshot	Manual Snapshot
	Playback	Video Playback, Image Playback
	Backup	Video Backup, Image Backup
Network	Protocol	IPv4, HTTP, NTP, SMTP, PPPoE, DDNS
External Interface	Network Interface	1*RJ45 100M/1000M
	USB Interface	2*USB 2.0
General	Power Supply	DC 12V 1.5A
	Consumption	≤6W(Without HDD)
	Working Conditions	Temperature: -10℃ ~+55℃ Humidity: 10%~90%
	Dimensions	80mm(W)X80mm(D)X120mm(H)
	Weight	0.85Kg

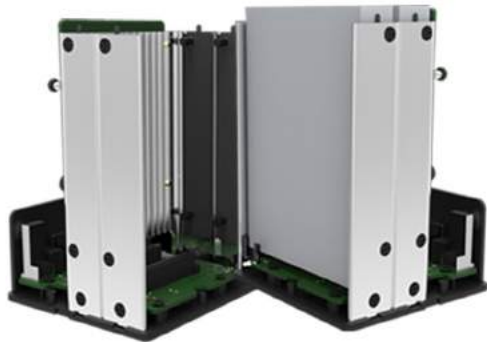
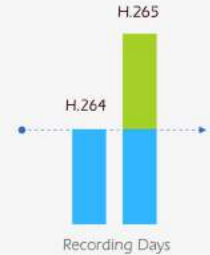


4K Video Viewing Experience

Milesight 4K H.265 Mini NVR Series supports up to 4K definition (3840*2160, effectively four times that of Full HD) live viewing, playback and recording, providing users with ultra-high-definition video viewing experience.

H.265+H.264

Smartly figure out and switch between H.264 and H.265 automatically. It will extend the days to save recording file with H.265 than with other compressions.



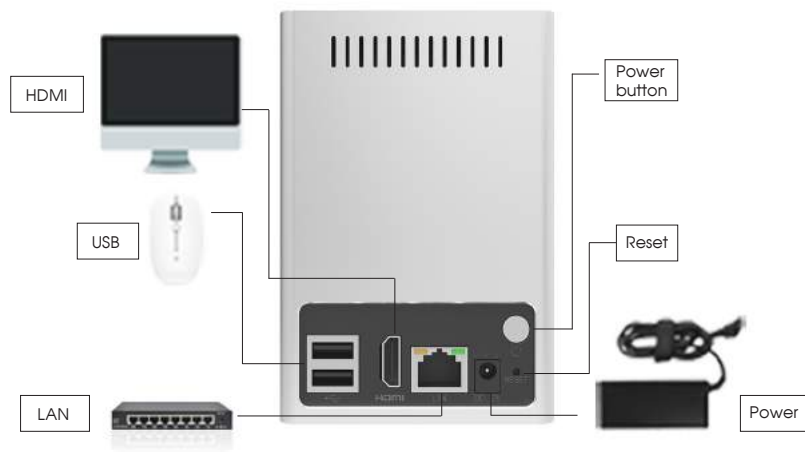
Up to 4TB Capacity

Milesight 4K/H.265 Mini NVR includes 2 SATA interfaces, providing up to 4TB of plug-and-play internal hard disk storage.

Ultra-mini Size

With dimensions of only 80mm*80mm*120mm, Milesight Mini NVR features compact and discreet design which provides the easier and simpler way to keep your home and business safe.





Versatile Interfaces

Though developed to take up as less space as possible, the 4K Mini NVR comes with a whole array of ports such as an HDMI port, 2 USB ports, and a LAN port.

Silent & Noise-free

Thanks to the outstanding power efficiency and fanless design, the Mini NVR operates quietly, delivering ultra-low system noise.

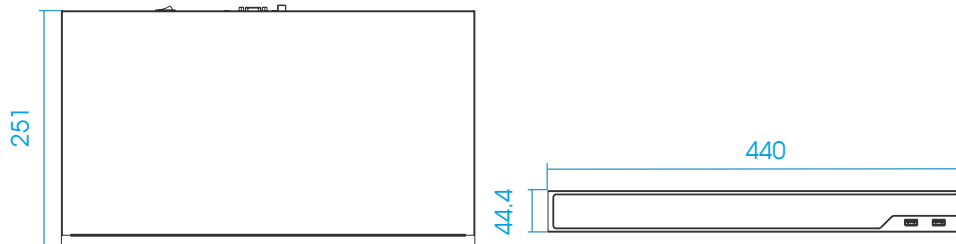


4K/H.265 PRO NVR 5000 SERIES

4K/H.265 Professional NVR 5000



Dimensions(mm)



Key Features

- Linux OS embedded for stability
- High profile H.265/H.264 decoding
- Ultra high definition 3840X2160 resolution
- Support HDMI and VGA
- Support 32-CH network cameras with up to 720P resolution
- Up to 2 SATA interfaces, up to 10TB capacity for each SATA
- Multiple-level users
- Friendly GUI for configuration
- Size: 440mm(W)X251mm(D)X44.4mm(H)



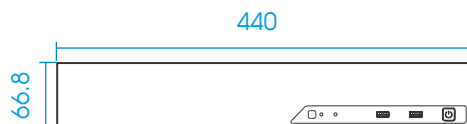
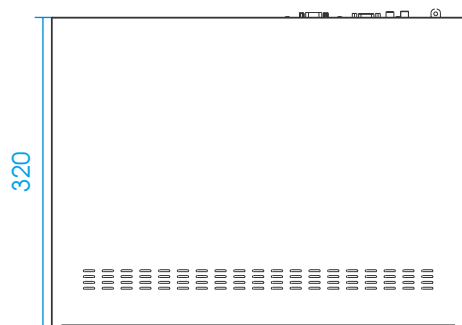
	Model	MS-N5016-UT	MS-N5032-UH
Video/Audio Input	Network Video Input	16-CH	32-CH
	Bandwidth	160Mbps	320Mbps
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/60Hz(only for MS-5032-UH), 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz, HDMI Supports Audio Output	
	VGA Output	1-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
	Dual Stream	Support	
	Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF	
Video/Audio Compression	Synchronous Preview/Playback	2*(30fps @8MP), 4*(20fps @4MP), 5*(30fps @3MP), 8*(30fps @1080P), 16*(30fps @720P)	4*(30fps @8MP), 8*(20fps @4MP), 10*(30fps @3MP), 16*(30fps @1080P), 32*(30fps @720P)
	Video Compression	H.265(HEVC)/H.264	
	Audio Compression	G.711 U-Law	
	Sample Rate	8KHz/16KHz	
Storage	Synchronous Recording	16*4MP	32*4MP
	Driver	2*SATA HDD(3.5")	
Recording Management	Capacity	Up to 10TB capacity for each HDD	
	Recording	Manual Recording, Timing Recording, Motion Detection Recording, Alarm Recording, Motion Detection or Alarm Recording	Manual Recording, Timing Recording, Motion Detection Recording
	Snapshot	Manual Snapshot	
Backup	Playback	Video Playback, Image Playback	
Network	Backup	Video Backup, Image Backup	
External Interface	Protocol	IPv4, HTTP, NTP, SMTP, PPPoE, DDNS	
	Network Interface	1*RJ45 100M/1000M	
	USB Interface	1*USB 3.0; 2*USB 2.0	
	Audio Input/Output	-/1*RCA	1*RCA/1*RCA
	Alarm Input/Output	4-CH/1-CH	-
General	Power Supply	DC 12V 50Hz~60Hz	
	Consumption	≤10W(Without HDD)	≤15W(Without HDD)
	Working Conditions	Temperature: -10℃ ~+55℃ Humidity: 10%~90%	
	Dimensions	1.0U Standard Chassis, 440mm(W)X251mm(D)X44.4mm(H)	
	Weight	2.6Kg	

4K/H.265 PRO NVR 7000 SERIES

4K/H.265 Professional NVR 7000



Dimensions(mm)



Key Features

- Linux OS embedded for stability
- High profile H.265/H.264 decoding
- Ultra high definition 3840X2160 resolution
- Support HDMI and VGA
- Support 32-CH network cameras with up to 720P resolution
- Up to 4 SATA interfaces, up to 10TB capacity for each SATA
- Support HDD with RAID 0/1/5/10 storage
- Multiple-level users
- Friendly GUI for configuration
- Size: 440mm(W)X320mm(D)X66.8mm(H)



Ultra HD



H.265



HDMI



VGA



Dual Stream



Mobile Connection



Audio In/Out



Alarm In/Out



RAID

	Model	MS-N7016-UH	MS-N7032-UH
Video/Audio Input	Network Video Input	16-CH	32-CH
	Bandwidth	160Mbps	320Mbps or 200Mbps(when RAID is enabled)
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/60Hz, 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz, HDMI Supports Audio Output	
	VGA Output	1-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
	Dual Stream	Support	
	Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF	
	Synchronous Preview/Playback	4*(30fps @8MP), 8*(20fps @4MP), 10*(30fps @3MP), 16*(30fps @1080P), 16*(30fps @720P)	4*(30fps @8MP), 8*(20fps @4MP), 10*(30fps @3MP), 16*(30fps @1080P), 32*(30fps @720P)
Video/Audio Compression	Video Compression	H.265(HEVC)/H.264	
	Audio Compression	G.711 U-Law	
	Sample Rate	8KHz/16KHz	
	Synchronous Recording	16*4MP	32*4MP
Storage	Driver	4*SATA HDD(3.5")	
	Capacity	Up to 10TB capacity for each HDD	
Disk Array	Array Type	RAID 0, RAID 1, RAID 5, RAID 10	
Recording Management	Recording	Manual Recording, Timing Recording, Motion Detection Recording, Alarm Recording, Motion Detection or Alarm Recording, Motion Detection and Alarm Recording	
	Snapshot	Manual Snapshot	
	Playback	Video Playback, Image Playback	
Backup	Backup	Video Backup, Image Backup	
Network	Protocol	IPv4, HTTP, NTP, SMTP, PPPoE, DDNS	
External Interface	Network Interface	2*RJ45 100M/1000M	
	Serial Interface	1*RS-485 Series Port for PTZ, 1*RS-232 Series Port for Console, 1*RS-485 Series Port for Keyboard	
	USB Interface	1*USB 3.0; 2*USB 2.0	
	Audio Input/Output	1*RCA/1*RCA	
	Alarm Input/Output	16-CH/4-CH	
General	Power Supply	AC 100V~240V 50Hz~60Hz	
	Consumption	≤15W(Without HDD)	
	Working Conditions	Temperature: -10 C ~+55 C Humidity: 10%~90%	
	Dimensions	1.5U Standard Chassis, 440mm(W)X320mm(D)X66.8mm(H)	
	Weight	4.1Kg	

4K/H.265 PRO NVR 8000 SERIES

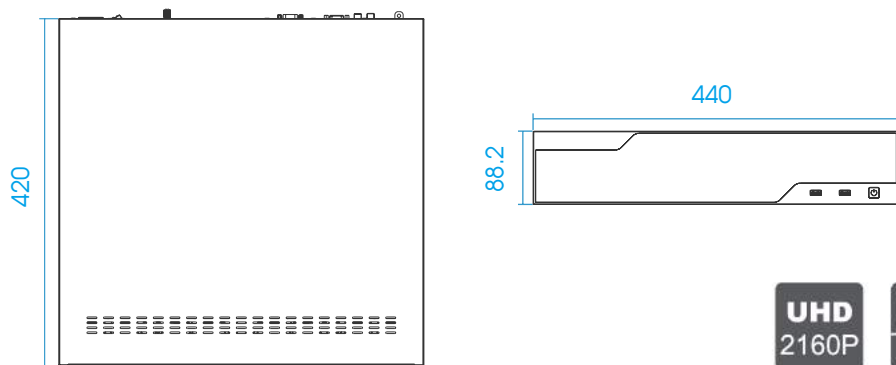
4K/H.265 Professional NVR 8000



Key Features

- Linux OS embedded for stability
- High profile H.265/H.264 decoding
- Ultra high definition 3840X2160 resolution
- Support 2-CH HDMI, 2-CH VGA
- Support 32-CH network video inputs
- Up to 8 SATA interfaces, up to 10TB capacity for each SATA
- Support HDD with RAID 0/1/5/10 storage
- Multiple-level users
- Friendly GUI for configuration
- Size: 440mm(W)X420mm(D)X88.2mm(H)

Dimensions(mm)



Ultra HD



H.265



HDMI



VGA



Dual Stream



Dual Screen Output



Mobile Connection



Alarm In/Out



Audio In/Out



RAID

	Model	MS-N8032-UH
Video/Audio Input	Network Video Input	32-CH
	Bandwidth	320Mbps or 200Mbps(when RAID is enabled)
Video/Audio Output	HDMI Output	2-CH, Resolution: 3840x2160/60Hz(HDMI1 Only), 3840x2160/30Hz(HDMI1 Only), 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz, HDMI Supports Audio Output
	VGA Output	2-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
	Dual Stream	Support
	Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF
	Synchronous Preview/Playback	4*(30fps @8MP), 8*(20fps @4MP), 10*(30fps@3MP), 16*(30fps@1080P), 32*(30fps@720P)
	Video Compression	H.265(HEVC)/H.264
Video/Audio Compression	Audio Compression	G.711 U-Law
	Sample Rate	8KHz/16KHz
	Synchronous Recording	32*4MP
Storage	Driver	8*SATA HDD(3.5")
	External Storage	1*eSATA
	Capacity	Up to 10TB capacity for each HDD
Disk Array	Array Type	RAID 0, RAID 1, RAID 5, RAID 10
Recording Management	Recording	Manual Recording, Timing Recording, Motion Detection Recording, Alarm Recording, Motion Detection or Alarm Recording, Motion Detection and Alarm Recording
	Snapshot	Manual Snapshot
	Playback	Video Playback, Image Playback
Backup	Backup	Video Backup, Image Backup
Network	Protocol	IPv4, HTTP, NTP, SMTP, PPPoE, DDNS
External Interface	Network Interface	2*RJ45 100M/1000M
	Serial Interface	1*RS-485 Series Port for PTZ, 1*RS-232 Series Port for Console, 1*RS-485 Series Port for Keyboard
	USB Interface	1*USB 3.0; 2*USB 2.0
	Audio Input/Output	1*RCA/2*RCA
	Alarm Input/Output	16-CH/4-CH
General	Power Supply	AC 100V~240V 50Hz~60Hz
	Consumption	≤35W(Without HDD)
	Working Conditions	Temperature: -10 C ~+55 C Humidity: 10%~90%
	Dimensions	2.0U Standard Chassis, 440mm(W)X420mm(D)X88.2mm(H)
	Weight	6.0Kg

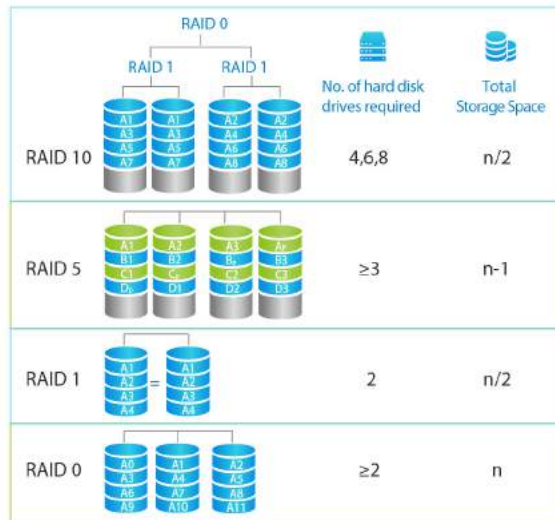
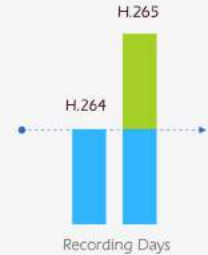


4K Video Viewing Experience

Milesight 4K H.265 Pro NVR Series supports up to 4K definition (3840*2160, effectively four times that of Full HD) live viewing, playback and recording, providing users with ultra-high-definition video viewing experience.

H.265+H.264

Smartly figure out and switch between H.264 and H.265 automatically. It will extend the days to save recording file with H.265 than with other compressions.



RAID 0/1/5/10

RAID (Redundant Array of Independent Disks) is a method of combining hard disks as a logical unit to achieve redundancy and greater speed of writing and reading data.



Versatile Interfaces

Milesight 4K/H.265 Pro NVR Series comes with a whole array of ports which can be up to 2 HDMI ports, 2 VGA ports, 3 USB ports and 2 LAN ports. The full set of interfaces provide all necessary features for effective surveillance.

Optimized Hard Disk Installation

Hardware components are optimized to meet the demands for convenient and stable hard disk installation. With the 4 HDDs tightly screwed in a bracket and the bracket locked in the slots design, the hard disks are surprisingly simpler to mount and the installation time is greatly minimized.



4K/H.265 MINI PoE NVR 1000 SERIES

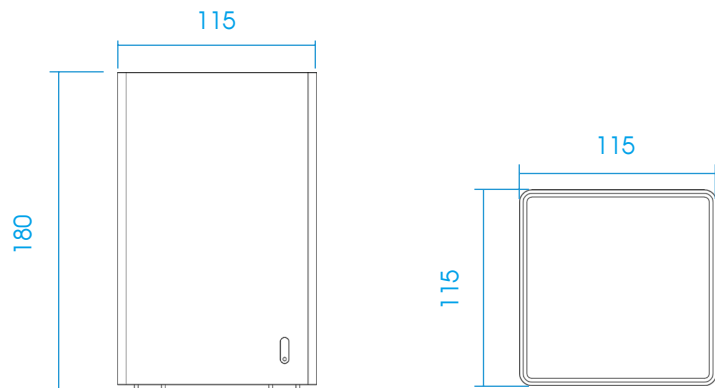
4K/H.265 Mini PoE NVR



Key Features

- Friendly GUI for configuration
- High profile H.265/H.264 decoding
- Support HDMI
- Support 9-CH network cameras up to 720P resolution
- Full support 1 SATA, up to 10TB capacity
- Multiple-level users
- Dual stream
- Ultra high definition 3840X2160 resolution
- Size: 115mm(W)X115mm(D)X180mm(H)

Dimensions(mm)



4K/H.265 PoE NVR 5000 SERIES

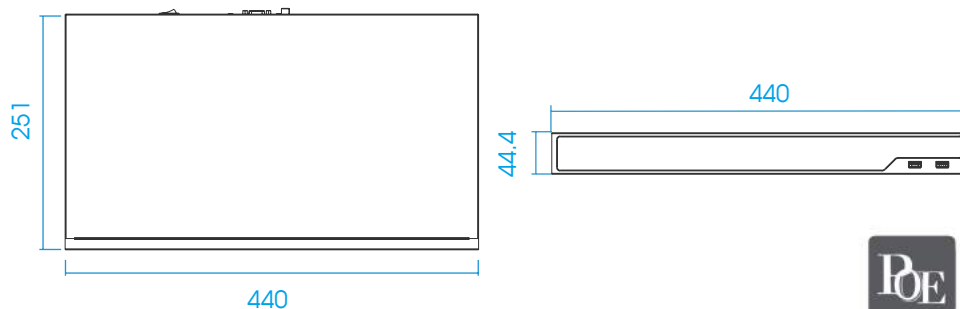
4K/H.265 PoE NVR 5000



Key Features

- Linux OS embedded for stability
- High profile H.265/H.264 decoding
- Ultra high definition 3840X2160 resolution
- Support HDMI and VGA
- Support 16-CH network cameras with up to 720P resolution
- Up to 2 SATA, up to 10TB capacity for each SATA
- Multiple-level users
- Friendly GUI for configuration
- Size: 440mm(W)X251mm(D)X44.4mm(H)

Dimensions(mm)

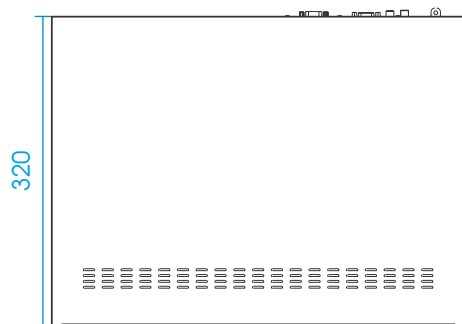


4K/H.265 PoE NVR 7000 SERIES

4K/H.265 PoE NVR 7000



Dimensions(mm)



Key Features

- Linux OS embedded for stability
- High profile H.265/H.264 decoding
- Ultra high definition 3840X2160 resolution
- Support HDMI and VGA
- Support 32-CH network cameras with up to 720P resolution
- Up to 4 SATA, up to 10TB capacity for each SATA
- Support HDD with RAID 0/1/5/10 storage
- Multiple-level users
- Friendly GUI for configuration
- Size: 440mm(W)X320mm(D)X66.8mm(H)



PoE



Ultra HD



H.265



HDMI



VGA



Dual Stream



Mobile Connection



Audio In/Out



Alarm In/Out



RAID

	Model	MS-N1009-UPT	MS-N5016-UPT	MS-N7032-UPH	
Video/Audio Input	Network Video Input	9-CH	16-CH	32-CH	
	Bandwidth	90Mbps	160Mbps	320Mbps or 200Mbps(When RAID is enabled)	
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/60Hz(only for MS-N7032-UPH), 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output			
	VGA Output	—	1-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz		
	Dual Stream	Support			
	Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF			
	Synchronous Preview/Playback	2*(30fps @8MP), 4*(20fps @4MP), 5*(30fps @3MP), 8*(30fps @1080P), 9*(30fps @720P)	2*(30fps @8MP), 4*(20fps @4MP), 5*(30fps @3MP), 8*(30fps @1080P), 16*(30fps @720P)	4*(30fps @8MP), 8*(20fps @4MP), 10*(30fps @3MP), 16*(30fps @1080P), 32*(30fps @720P)	
Video/Audio Compression	Video Compression	H.265(HEVC)/H.264			
	Audio Compression	G.711 U-Law			
	Sample Rate	8KHz/16KHz			
	Synchronous Recording	9*4MP	16*4MP	32*4MP	
Storage	Driver	1*SATA HDD(3.5")	2*SATA HDD(3.5")	4*SATA HDD(3.5")	
	Capacity	Up to 10TB capacity for each HDD			
Recording Management	Recording	Manual Recording, Timing Recording, Motion Detection Recording	Manual Recording, Timing Recording, Motion Detection Recording, Alarm Recording, Motion Detection or Alarm Recording, Motion Detection and Alarm Recording		
	Snapshot	Manual Snapshot			
	Playback	Video Playback, Image Playback			
Backup	Backup	Video Backup, Image Backup			
Network	Protocol	IPv4, HTTP, NTP, SMTP, PPPoE, DDNS			
External Interface	Network Interface	1*RJ45 100M/1000M			
	USB Interface	2*USB2.0	1*USB 3.0; 2*USB 2.0	1*USB 3.0; 2*USB 2.0	
	Audio Input/Output	—	—/1*RCA	1*RCA/1*RCA	
	Alarm Input/Output	—	4-CH/1-CH	16-CH/4-CH	
PoE Interface	Interface	4*RJ45 10M/100M	8*RJ45 10M/100M	16*RJ45 10M/100M	
	Power Output	≤40W	≤120W	≤200W	
	Supported Standard	IEEE 802.3af			
General	Power Supply	DC 48V 1.25A	AC 100V~240V 50Hz~60Hz		
	Consumption	Temperature: 0 C ~+40 C Humidity:10%~90%			
	Working Conditions	≤6W(Without HDD, without enabling PoE)	≤10W(Without HDD, without enabling PoE)	≤15W(Without HDD, without enabling PoE)	
	Dimensions	115mm(W)×115mm(D)×180mm(H)	1.0U Standard Chassis 440mm(W)×251mm(D)×44.4mm(H)	1.5U Standard Chassis 440mm(W)×320mm(D)×66.8mm(H)	
	Weight	1.5Kg	3.5Kg	5.0Kg	



Plug and Play

Milesight PoE NVR Series features 4/8/16 independent PoE ports. The NVR will automatically detect, configure and play the live view of the network cameras once the cable is plugged.

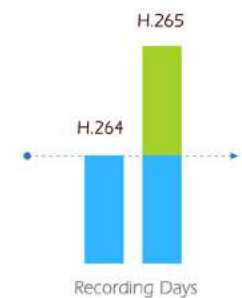


4K Video Viewing Experience

Milesight 4K H.265 PoE NVR Series supports up to 4K definition (3840*2160, effectively four times that of Full HD) live viewing, playback and recording, providing users with ultra-high-definition video viewing experience.

H.265+H.264

Smartly figure out and switch between H.264 and H.265 automatically. It will extend the days to save recording file with H.265 than with other compressions.





Versatile Interfaces

Midea 4K/H.265 PoE NVR Series comes with a whole array of ports which can be up to 16 PoE ports, 1 HDMI port, 1 VGA port, 3 USB ports, Alarm I/O, Audio I/O and 1 LAN port. The full set of interfaces provide all necessary features for effective surveillance.

Powerful Decoding Capacity

MS-N1009-UPT supports up to 8*1080P or 9*720P and MS-N5016-UPT supports up to 8*1080P or 16*720P and MS-7032-UPH supports up to 16*1080P or 32*720P network cameras viewing at the same time.



MILESIGHT SMART TOOLS

Batch Modification For Milesight Cameras And NVRs

Key Features

- Support NVR and camera
- Support single and batch network settings
- Support batch modification of the username and password
- Support batch time settings
- Support batch firmware upgrading
- Support batch restart or restore the device
- Support batch main stream or second stream parameters settings
- Support batch image parameters settings
- Support settings for brightness/contrast/saturation/sharpness/noise reduction/exposure level/exposure time/IR-CUT mode



MILESIGHT CMS

Live View · Recording · Electronic Map



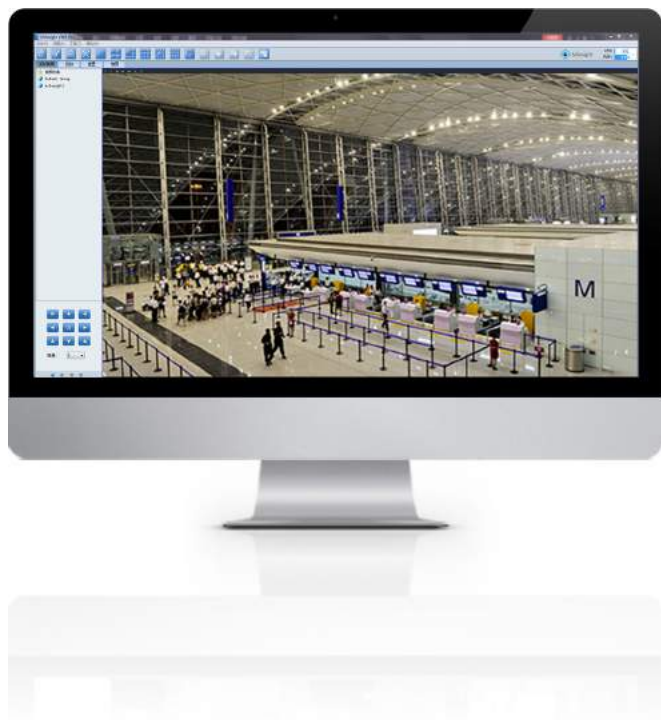
Key Features

- A central management system for Milesight cameras and Milesight NVR
- User-friendly UI design
- Support multiple monitors
- Support 1/4/8/9/16/36/64 channels playing synchronously
- Support full screen for single or multiple channels
- Support H.265/H.264/MJPEG/MPEG-4 video compression
- Support dual stream
- Support PTZ control and digital zoom
- Support SD card and HDD recording files playback
- Support motion detection, alarm recording and image capture functions

MILESIGHT VMS PRO

Live View · Recording · Electronic Map

Key Features



- Client/Server architecture, clients can add multiple servers
- User-friendly UI design
- Customizable user access levels
- Support ONVIF
- Support live view, playback and E-Map functions
- Support dual stream
- Support 1/2/4/6/8/9/13/16/20/24/30/36/49/64 channels playing synchronously
- Support H.265/H.264/MJPEG/MPEG-4 video compression
- Support record locally or to network storage
- Support 4-CH synchronized playback and up to 16-CH asynchronous playback
- Support alarm or scheduled recording
- Support multiple monitors

MILESIGHT MOBILE APP

PTZ Control · File Management · Alarm Message Push Notification



Key Features

- Support simultaneously managing network camera and MileSight NVR
- Support customized stream parameters
- Support scanning QR code to get a remote view via P2P
- Support 1/4/9/16 screen layouts for up to 64 channels displaying
- Support 1/4 screen layouts for up to 4 channels playback
- Support to playback with SD card files and HDD files
- Support image capture/video recording functions
- File management
- H.265/H.264/MJPEG/MPEG-4 video compression
- Support dual stream
- Support ONVIF
- Support iOS and Android handheld device
- Support WIFI/3G/4G network

ACCESSORIES

A01 Pole mount with stainless steel straps

Weight: 770g
Dimension: 170X51.5X152.6mm
Installation Environment: For strapping cameras on poles between 102-127mm(4.1-5 inches) in diameter
Applicable Model:
Mini Dome, IR Mini Dome, Vandal-proof Mini Dome, Mini Bullet, Pro Dome, Pro Bullet



A02 Corner bracket

Weight: 540g
Dimension: 170X23.2X205.3mm
Installation Environment: For mounting cameras on an internal corner
Applicable Model:
Mini Dome, IR Mini Dome, Vandal-proof Mini Dome, Mini Bullet, Pro Dome, Pro Bullet



A03 Corner bracket

Weight: 895g
Dimension: 170X152.6X76.3mm
Installation Environment: For mounting cameras on an external corner
Applicable Model:
Mini Dome, IR Mini Dome, Vandal-proof Mini Dome, Mini Bullet, Pro Dome, Pro Bullet



A51 Protective housing with the wall mount bracket

Weight: 1988g
Dimension: 380X150XH mm(H is adjustable)
Installation Environment: Robust housing to defend cameras from being damaged in all challenging environments
Applicable Model:
Pro Box



A71 Wall mount

Weight: 531g
Dimension: 162X124X78mm
Installation Environment: Used to install cameras on a wall or vertical structure
Applicable Model:
IR Mini Dome, Mini Dome, Vandal-proof Mini Dome



A72 Wall mount

Weight: 350g
Dimension: 106X140X214mm
Installation Environment: For wall or parapet installations
Applicable Model:
Pro Dome



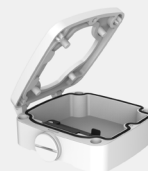
A73 Adapter plate

Weight: 28g
Dimension: 115X122.5X10mm
Installation Environment: For the installation that cable need to be routed through the side outlet
Applicable Model:
Vandal-proof Mini Dome



A62 Junction box

Weight: 510g
Dimension: 134X127X40mm
Installation Environment: For the containing of electrical connections which need to be concealed from sight and preventing from being tampered
Applicable Model:
Pro Bullet, Mini PTZ Bullet





Karadeniz Mahallesi Venezia Center G1 No: 84

Gaziosmanpaşa/ISTANBUL/*TURKEY*

Contact : +90(212)8014141

www.royalgroupiti.com / info@royalgroupiti.com