MILESIGHT H.265+ PRODUCT CATALOGUE

– ADVANCED FEATURE & TECHNOLOGY HIGHLIGHTS

■ Multi-megapixel Network Camera · NVR · VMS



Better Inside, More in Sight

Quality

Outstanding product quality and unique design

Support

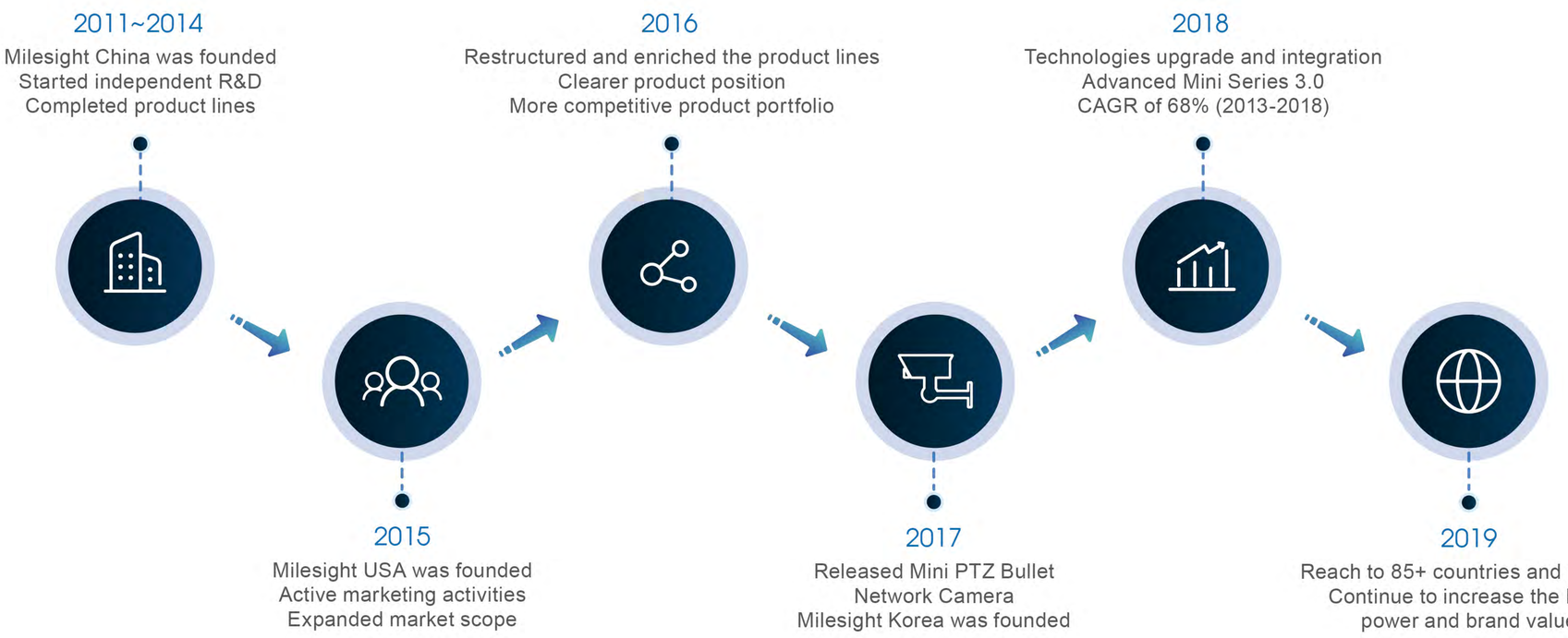
24-hours timely, efficient and diverse support

Innovation

Independent R&D team guarantees innovative technologies

About Milesight

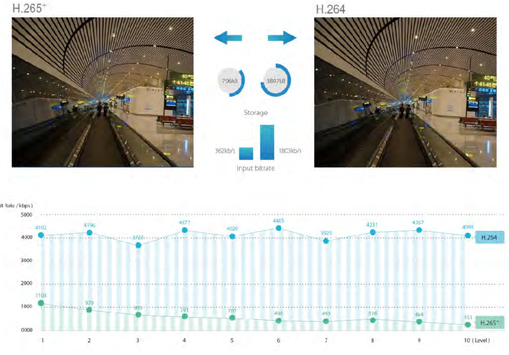
Established in 2011, Milesight is a high-tech company specializing in the design and manufacture of best-in-class video surveillance solutions with superior image quality, exceptional flexibility and reliability for the global market. Milesight markets its products through a worldwide network of distributors and resellers, offering excellent pre/after-sales and technical support services that exceed customers' expectation.



HIGHLIGHT
OF
NETWORK CAMERAS

Extraordinary H.265+ Compression

H.265+ Compression
H.265+ codec cuts down 70%~80% bandwidth compared with H.264, while ensuring the high quality of images



Superior Image Quality

Ultra High Definition
High resolution up to 5MP/4K/12MP

0.001Lux Starlight

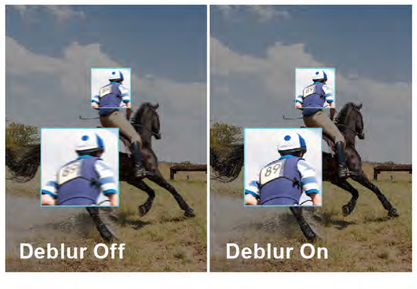




3 in 1 Super WDR Pro-140dB
Combining three frames into one to bring more details especially for moving objects

Smart IR II Technology
Combining the High Beam and Low Beam and intelligently adjusting IR intensity to fit different lighting conditions

High-quality Deblur
Removing blurring artifacts which caused by motion, providing better images for moving objects



Defog
Restoring clear images in hazy and foggy weather

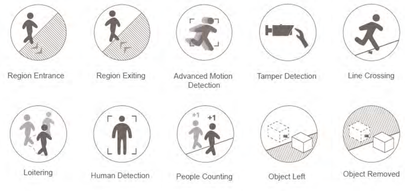
HLC
Improving image visibility under strong light sources

Intelligent Smart Functions

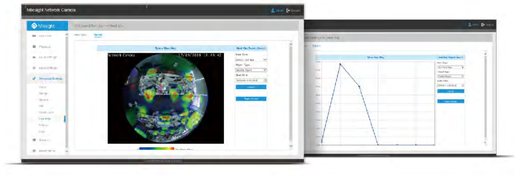
License Plate Recognition (LPR/ANPR)



Video Content Analysis(VCA)



Advanced Heat Map
A Statistical Behavior Analysis which is built into the camera for understanding people's pattern and trend



Face Detection
Automatically identifying human faces

Industrial-leading Hardware

Ultra Wide Angle Viewing
120°/180°/360° Ultra Wide Angle Lens

Flexible Optical Zoom
3X to 42X Optical Zoom Lens

1/1.8" Sensor@36X Model
Providing starlight image for Milesight Speed Dome Network Camera

Value-added Advanced Functions

Ultra High Frame Rate
Up to 120fps High Frame Rate





P-Iris Control

Offering images with better contrast, clarity and depth of view

Hardware/Software Dewarping

Two ways to dewarp Fisheye Camera image for flexible integration

Auto Tracking

Performing Pan/Tilt/Zoom to track the moving object automatically



Robust Protective Capability

IP67&IK10

IP67-rated Weather Proofing and IK10-rated Vandal Proofing



EN50155

Reliable Anti-vibration Certification

Surge Protection

Keeping the cameras from lightning strikes and other electrical surges

Unique Easy Installation Design

3-Axis Mechanical Design

For fast and easy adjustment of the camera's viewing angle, allowing to position the camera precisely



Clamshell Design

Enlarging the space to make cable connection a piece of cake, greatly saving installation trouble



Integrated Cable Management

Several interfaces are integrated in the base for neat installation



Point-contact Power Supply

The Point-contact Power Supply Board replaced the traditional way of power supply with cable, freeing the interior space



Flexible Installation Modes

Milesight offers various installation accessories such as junction box to make it easy to install



Comprehensive Integration

ONVIF

ONVIF Profile G, S and T

Extensive Compatibility

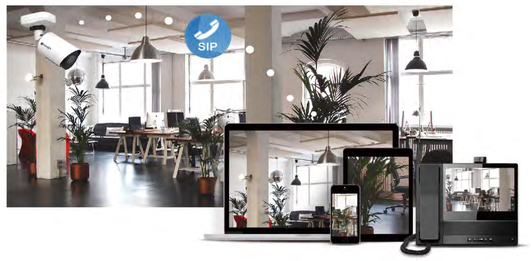
Milesight is Fully Integrated with:



Special SIP/VoIP Support

SIP/VoIP Support

With SIP, Milesight cameras are allowed to be integrated with VoIP systems



Cyber Security

Plugin-free

Easy to implement security configurations with Plugin-free

Security Certification

Milesight has gained cyber security testing certification

HIGHLIGHT

OF

NETWORK VIDEO RECORDER

Easy Plug and Play

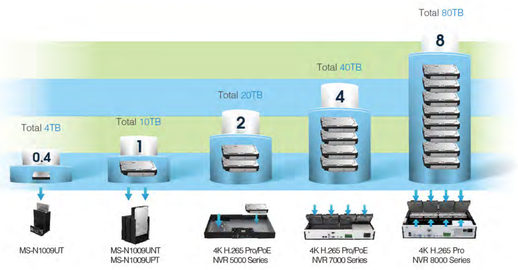
Plug and Play

Passing electric power along with video/audio/data to the camera over one single cable

Versatile Storage Choices

Abundant Storage Way

Multiple storage capacity and various storage types



Network Attached Storage

Supporting 8 NAS at most to store files and snapshots

Disk Group

Dividing disks into different groups for different storage needs of recorded files

Robust Coding &Decoding Performance

Leading-edge H.265 Compression

Saving 50% network bandwidth and video storage capacity

Up to 4K High Resolution

Supporting 4K ultra high definition video viewing experience

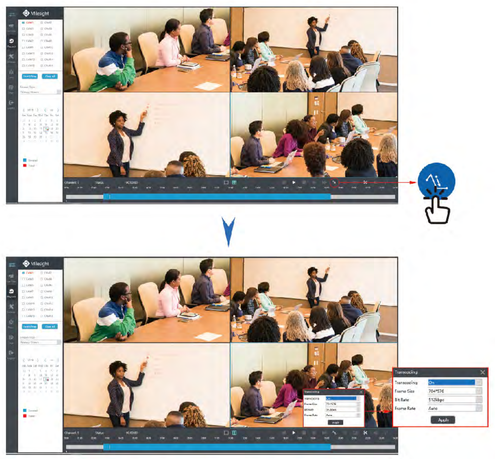
Powerful Decoding and Recording Performance

Enabling synchronously decoding up to 16-CH 1080P cameras and record up to 32-CH 5MP high resolution cameras

Better Playback Experience

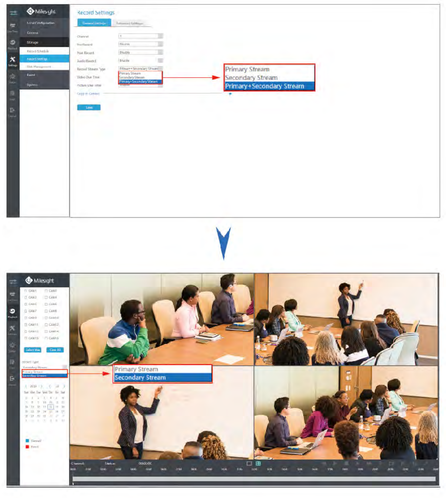
Transcoding

Transcoding the recorded stream parameters into a smaller one



Dual Stream Recording

Recording in Primary+Secondary Stream synchronously



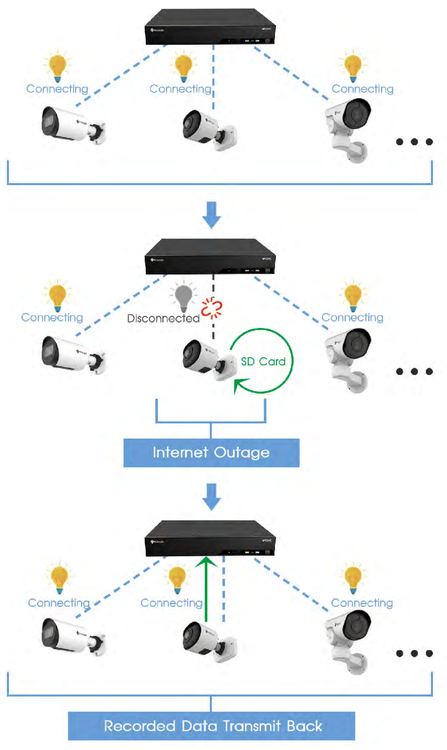
Guaranteed Data Security

N+1 Hot Spare

A failover mechanism to provide reliability in system

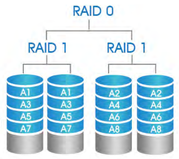
ANR

Automatic Network Replenishment for reliable and flexible storage



RAID 0/1/5/6/10 Supported

Redundant Array of Independent Disks for disk reliability

		No. of hard disk drives required	Total Storage Space
RAID 10		4,6,8	n/2
RAID 6		≥4	n-2
RAID 5		≥3	n-1
RAID 1		2	n/2
RAID 0		≥2	n

Reliable Operation Performance

Robust Operation System

No default password and several security questions ensure a stable operation system

User-friendly Design

User-friendly Design

User-friendly logic into the operation UI of the NVR series



Comprehensive Integration

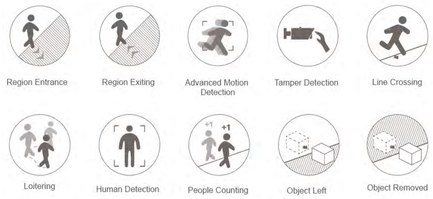
Comprehensive Integration

ONVIF & extensive compatibility with third-party devices



Smart Functions

Milesight VCA



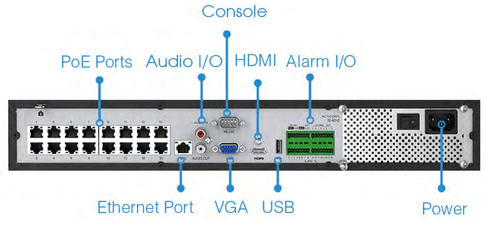
ANPR

Realizing a complete traffic monitoring back-end management system



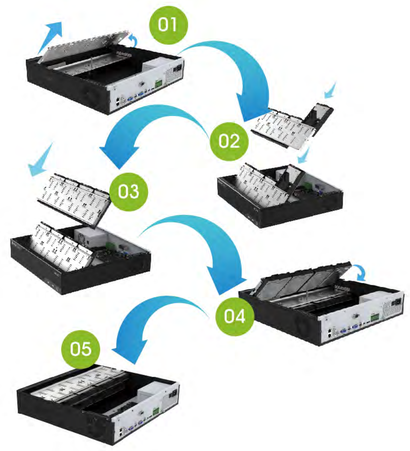
Exquisite Structure Design

Versatile Interfaces



Optimized Hard Disk Installation

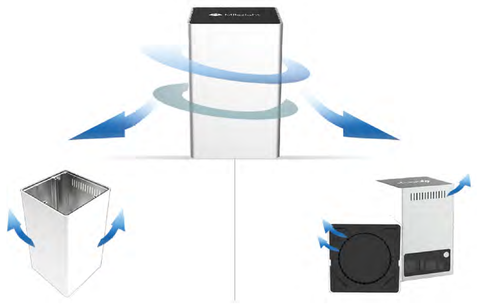
Innovative design with streamlined HDD installation structure



Compact and Discreet Design



Revolutionary Thermal Design



CATALOGUE

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MINI SERIES



H.265+ HEVC H.265+ | Profile G S T Onvif ONVIF | VCA | PoE | Defog | SD HD 256G | SIP | Plugin-free | Cyber Security

Milesight Mini Series is featured with ultra-mini size, stylish design and easy installation. The Mini Cameras not only aspire to protect your security with top-notch megapixel video quality, but also fit for your sleek decoration taste.

H.265+ Mini Series Network Camera

- IR Mini Dome Network Camera
- Vandal-proof Mini Dome Network Camera
- Weather-proof Mini Dome Network Camera
- AF Motorized Mini Dome Network Camera
- Vandal-proof Mini Bullet Network Camera
- Vandal-proof Motorized Mini Bullet Network Camera

HIGHLIGHT

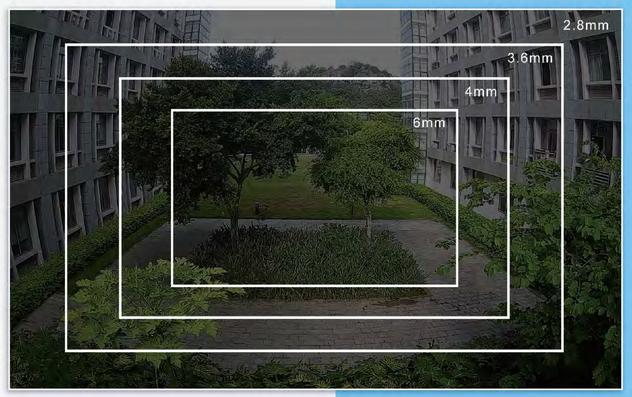
Exquisite Ultra Mini Size

Small yet powerful! Milesight Mini Series features small size design. For example, the weight and size of Vandal-proof Mini Bullet Camera are only 610g and 97mmX74mmX180mm, while they have no compromise on the functionality, which make them truly price-worthy ones.



120° Wide Angle Viewing

Applied with 2.8mm ultra wide angle lens, the cameras of Mini Series are able to catch up to 120° field of view, which is the leading level of the industry. And the resolution up to 5MP guarantees superior image details under wide angles.



IP67&IK10&EN50155

Sharply contrasting to the mini size, the cameras of the Mini Series feature the industry leading IP67-rated weather proofing and IK10-rated vandal proofing. Apart from that, the Vandal-proof Mini Dome Network Camera is complied with EN50155 standard too, protecting the camera against various kinds of environmental factors such as high/low temperature, shock, vibration and power surge.



Up to 0.001Lux Starlight

Adopting Sony STARVIS Sensors, the cameras of the Mini Series are able to deliver high detailed color images even in the low light environments reaching 0.001Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.



140dB Super WDR

Milesight’s sensor-based WDR technology allows the cameras 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.





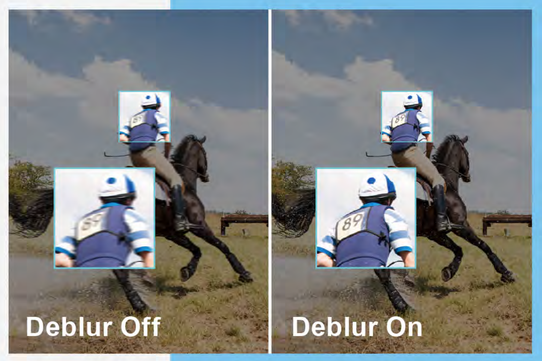
Smart IR II Technology

To maximize the IR performance, the cameras of the Mini Series innovated both in the structure and technology. The advanced Smart IR II technology guarantees superb IR performance with the combination of High Beams and Low Beams and adjustable illumination intensity. Also, the Low Beam and High Beam's brightness can be adjusted manually or automatically on the basis of the zoom ratio.



High-quality Deblur

The deblur function in Milesight cameras limits the exposure time under certain gain range by precise algorithm, removing blurring artifacts which caused by motion, so that it can provide distinct images for moving objects.



User-friendly Design

Succinct operation UI design together with discreet structure design, such as 3-axis design and point-contact power supply, brings Milesight customers the unexpected user-friendly experience.





IR Mini Dome Camera

2MP 5MP

MS-C2983-PB/MS-C5383-PB

White Black



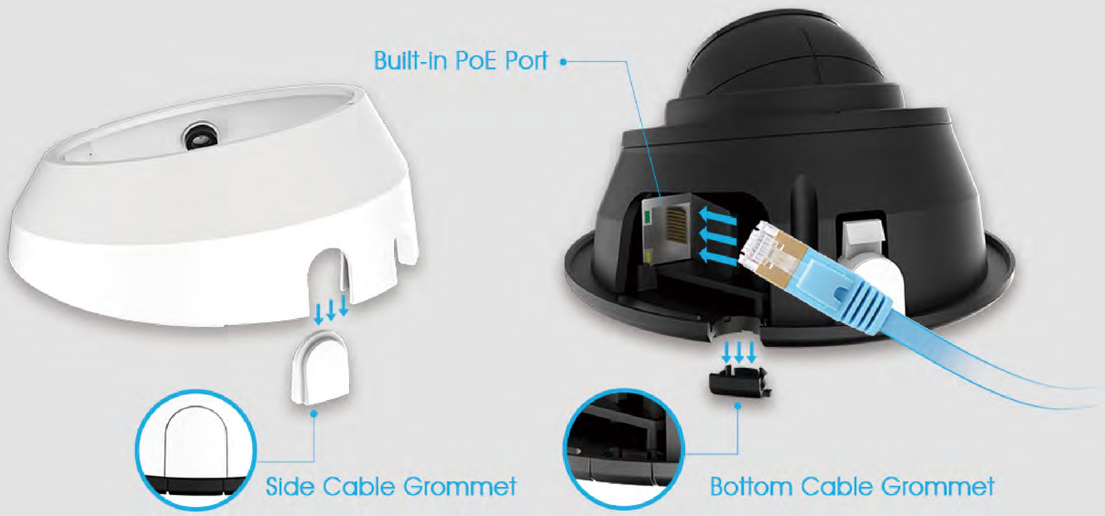
A71 Wall Mount

- 0.002Lux Ultra Low-light
- 140dB Super WDR
- IR Distance up to 20m
- Smart IR II Technology
- 3-Axis Mechanical Design
- Built-in Microphone
- Easy Installation &Adjustment



3-Axis Mechanical Design

The IR Mini Dome Camera features 3-axis mechanical design with 180° pan, 15°~90° tilt and 360° roll for fast and easy adjustment of the camera's viewing angle.



Easy Installation & Adjustment

Milesight specially designs a press button, a unique panel on the side of cover and built-in PoE port, making the installation a piece of cake.

Vandal-proof Mini Dome Camera

2MP 5MP 8MP

MS-C2973-PB/MS-C5373-(H)PB /MS-C8173-PB





White Black 4K EN-50155

A71 Wall Mount

- 4K Video Viewing Experience
- 0.002Lux Ultra Low-light
- 140dB Super WDR
- IR Distance up to 30m
- IP67&IK10
- 3-Axis Mechanical Design
- Built-in Microphone



EN50155&IP67&IK10

Vandal-proof Mini Dome Camera is complied with EN50155 standard, protecting the camera against various kinds of environmental factors such as high/low temperature, shock, vibration and power surge. Apart from that, the camera also features the industry leading IP67-rated weather proofing and IK10-rated vandal proofing.



3-Axis Mechanical Design

The Vandal-proof Mini Dome Camera features 3-axis mechanical design with 360° pan, -5°~80° tilt and 360° roll for fast and easy adjustment of the camera's viewing angle.

Weather-proof Mini Dome Camera

2MP 5MP

MS-C2975-PB/MS-C5375-PB



White Black

A71 Wall Mount



120° Wide Angle Viewing

0.002Lux Ultra Low-light

140dB Super WDR

IR Distance up to 25m

Smart IR II Technology

IP67&IK10

3-Axis Mechanical Design

Built-in Microphone

Integrated Junction Box

Wide Angle, High Resolution

Applied with 2.8mm ultra wide angle lens, the camera is able to catch more than 120° field of view, which is the leading level of the industry. And the resolution up to 5MP guarantees superior image details under wide angles.



Smart IR II Technology

Two IR LEDs, whose brightness can be adjusted manually, are used for better night image clarity and quality regardless of the object distance.



3-Axis Mechanical Design

The Weather-proof Mini Dome Camera features 3-axis mechanical design with 360° pan, -5°~80° tilt and 360° roll for fast and easy adjustment of the camera's viewing angle.



AF Motorized Mini Dome Camera

2MP 5MP

MS-C2975-EPB/MS-C5375-EPB





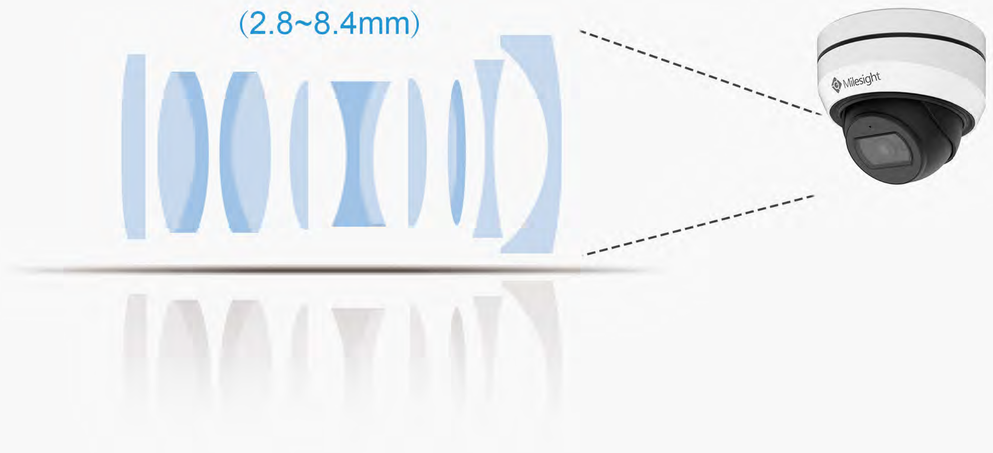
White Black

A71 Wall Mount

- 3X Optical Zoom
- 0.002Lux Ultra Low-light
- 140dB Super WDR
- IR Distance up to 35m
- Smart IR II Technology
- IP67&IK10
- 3-Axis Mechanical Design
- Built-in Microphone
- Integrated Junction Box
- PoE(802.3af)/DC 12V

3X Optical Zoom

The 3X Optical Zoom can zoom in to distant subjects while still maintaining the clarity, delivering high quality video over the entire image.



Smart IR II Technology

One High Beam LED and two Low Beam LEDs, whose brightness can be adjusted manually or automatically on the basis of the zoom ratio, are used for better night image clarity and quality regardless of the object distance.



Integrated Junction Box

The well-designed Integrated Junction Box especially the Clamshell structure ensures efficient and simple installations. It enlarges the space to make cable connection neat and as easy as a piece of cake.





Vandal-proof Mini Bullet Camera

2MP 5MP



A01 Pole Mount

A03 External Corner Bracket

- 120° Wide Angle Viewing
- 0.002Lux Ultra Low-light
- 140dB Super WDR
- IR Distance up to 30m
- Smart IR II Technology
- IP67&IK10
- 3-Axis Mechanical Design
- Integrated Junction Box

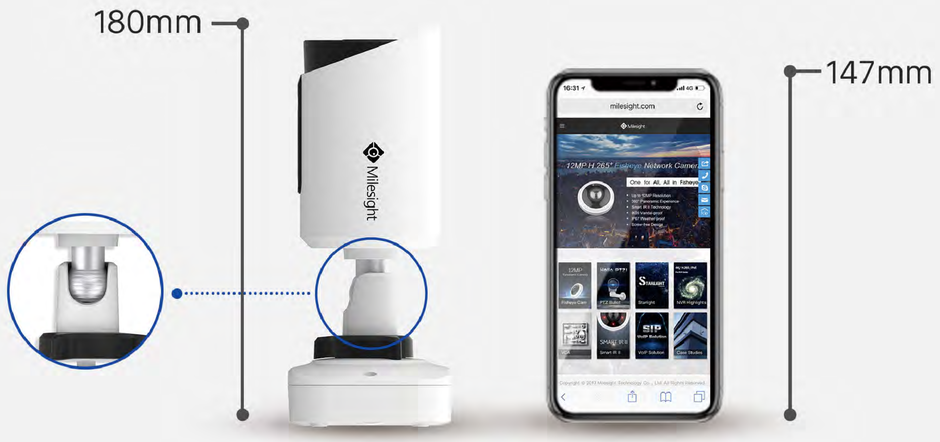
Wide Angle, High Resolution

Applied with 2.8mm ultra wide angle lens, the camera is able to catch more than 120° field of view, which is the leading level of the industry. And the resolution up to 5MP guarantees superior image details under wide angles.



Unique Structure Design

A truly mini size bullet camera features user friendly design of SD card slot and reset button, offering maximum enjoyment of usability and extensibility. At the rear, it is a 3-axis adjustable bracket, which perfectly meets tidy and flexible installation needs.



Smart IR II Technology

Two IR LEDs, whose brightness can be adjusted manually, are used for better night image clarity and quality regardless of the object distance.



Integrated Junction Box

The well-designed Integrated Junction Box especially the Point-contact Power Supply design ensures efficient and simple installation. It enlarges the space to make cable connection neat and as easy as a piece of cake.



Vandal-proof Motorized Mini Bullet Camera

2MP 5MP 8MP

MS-C2964-(Q)(T)(R)F(I)PB/MS-C2864-(R)F(I)PB/MS-C5364-(H)F(I)PB/MS-C8164-(H)F(I)PB



A01 Pole Mount

A02 Internal Corner Bracket

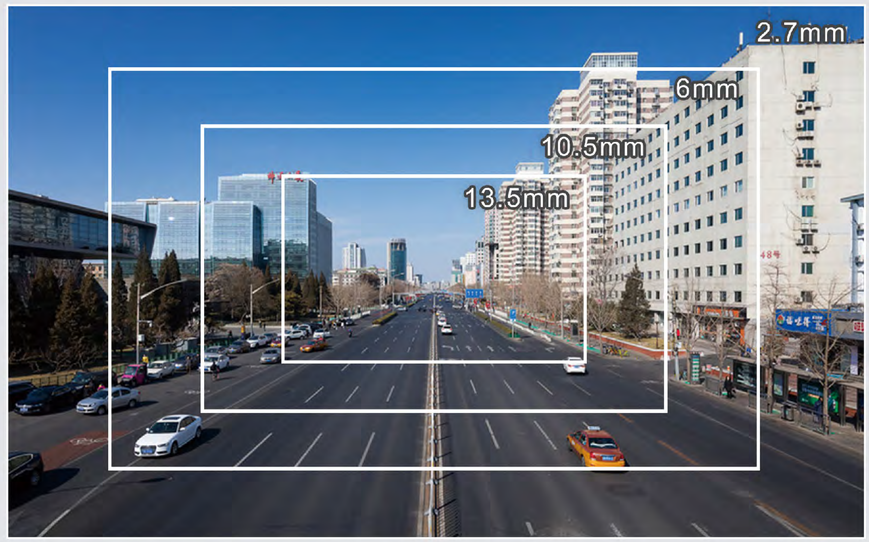
A03 External Corner Bracket

A63 Junction Box

- 30fps@4K
- 0.001Lux Ultra Low-light
- 140dB Super WDR
- IR Distance up to 50m
- Smart IR II Technology
- 120fps
- IP67&IK10
- 3-Axis Mechanical Design
- Integrated Junction Box
- PoE(802.3af)/DC 12V

Advanced Motorized Lens

With flexible motorized lens (2.7~13.5mm), the camera is able to capture distant objects rather than fixing on the specific scene with no flexibility. The ultra wide angle lens brings wider field of view to broaden horizons, leaving the narrow viewing experience behind.



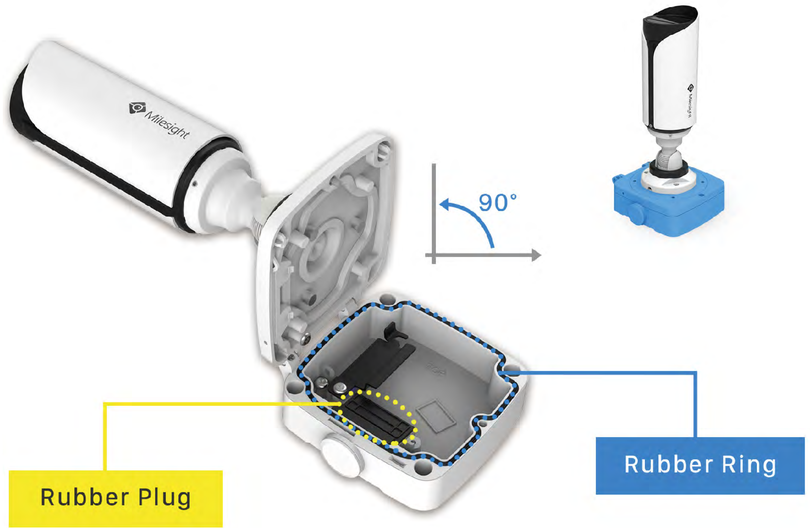
Smart IR II Technology

Two High Beam LEDs and two Low Beam LEDs, whose brightness can be adjusted manually or automatically on the basis of the zoom ratio, are used for better night image clarity and quality regardless of the object distance.



Integrated Junction Box

The well-designed Integrated Junction Box especially the Clamshell structure ensures efficient and simple installation. It enlarges the space to make cable connection neat and as easy as a piece of cake.



PRO SERIES

Milesight Pro Series is the professional-level network cameras designed for those who are seeking for the up-most in quality, integration, design and reliability for their demanding surveillance needs.

IP67 **IK10**



H.265+ Pro Series Network Camera

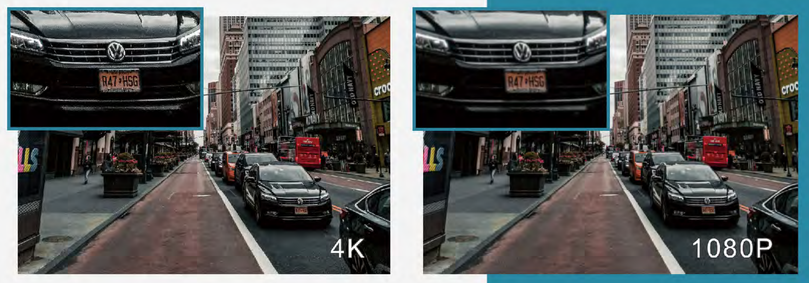
- Motorized Pro Dome Network Camera
- Motorized Pro Bullet Network Camera
- 12X AF Motorized Pro Bullet Network Camera
- Pro Box Network Camera

H.265+ ONVIF VCA PoE Defog Super WDR Pro 256G SIP Plugin-free Cyber Security

HIGHLIGHT

4K Video Viewing Experience

Milesight Pro Series delivers up to 4K resolution (3840*2160, effectively quadruple that of Full HD) at 30 frames per second (fps), providing users with ultra-high-definition video viewing experience. Compared with Mini Series, Pro Series applies the bigger size sensor, which provides the better image performance.



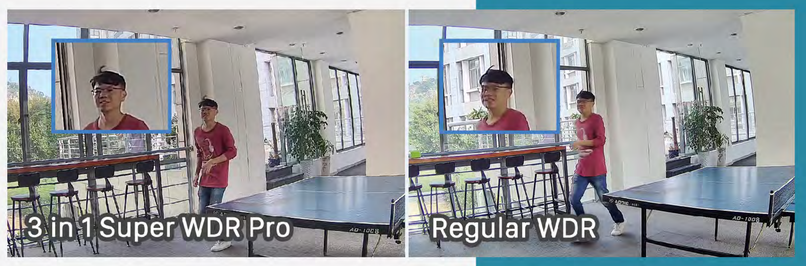
0.001Lux Starlight

Adopting Sony STARVIS Sensors, the Pro Series boasts to deliver outstanding image performance in all kinds of demanding lighting conditions, especially in ultra low light environments, reaching 0.001Lux (Color) or 0Lux (B/W), and near infrared light environments without any supplementary lighting.



3 in 1 Super WDR Pro-140dB

Milesight upgraded 3 in 1 Super WDR Pro outputs three frames each line, which is able to bring more details especially for moving subjects. What's more, it greatly improves image quality for reducing smear and noisy points. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.



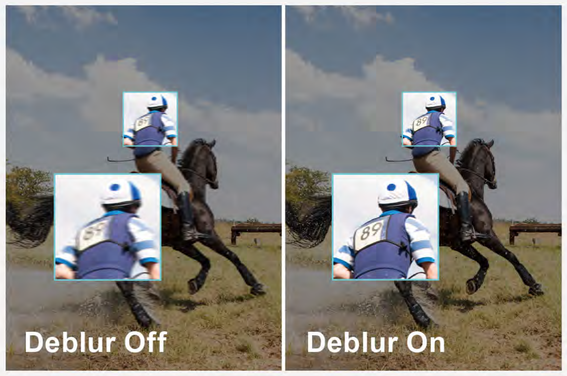
Smart IR II Technology

The advanced Smart IR II technology guarantees superb IR performance with the combination of High Beams and Low Beams and adjustable illumination intensity. Also, the Low Beam and High Beam's brightness can be adjusted manually or automatically on the basis of the zoom ratio.



High-quality Deblur

The deblur function in Milesight cameras limits the exposure time under certain gain range by precise algorithm, removing blurring artifacts which caused by motion, so that it can provide distinct images for moving objects.



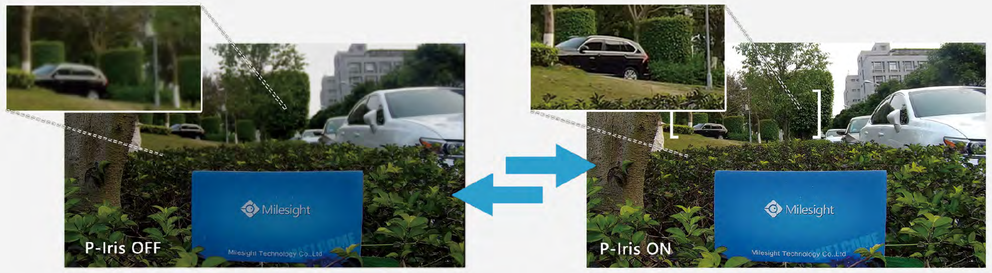
120fps High Frame Rate

The Pro Series offers super high frame rate up to 120fps@1080P resolution which is quadruple that of the conventional HD. This technology enables the camera to easily capture stable and latency-free clear images on fast moving objects.



P-Iris Control

Adopting P-Iris Control technology, the Pro Series is able to optimize the iris opening under all lighting conditions, offering images with better contrast, clarity, resolution and depth of field.



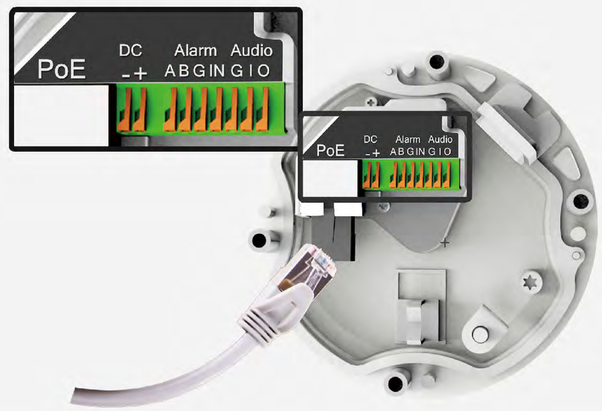
IP67&IK10

The weather-proof and vandal-proof capacity are the solid foundation to guarantee the stable and reliable operation of the network camera. Applied in Pro Series, the IP67-rated weather proofing and IK10-rated vandal proofing, which are the leading level of the industry, well protect the cameras against adverse impact to ensure the performance.



Versatile Interfaces

Versatile Interfaces are supported in Milesight cameras. Thanks to the built-in Microphone, DC port, PoE port, Alarm I/O and Audio I/O, Milesight cameras provide more possibility in surveillance needs and easy installation for customers.





Motorized Pro Dome Camera

2MP 5MP 8MP

MS-C2972-(Q)(T)(R)F(I)PB/MS-C2872-(R)F(I)PB/MS-C5372-(H)F(I)PB/MS-C8172-(H)F(I)PB/MS-C8272-F(I)PB

White Black 4K



A72 Wall Mount

AC-72 Smoked Dome Cover

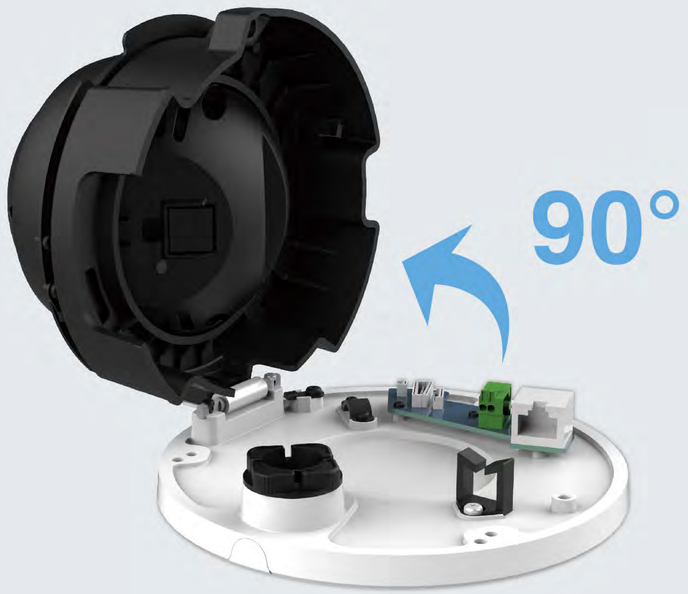
A75 Junction Box

A76 Pendant Mount

- 30fps@4K
- 0.001Lux Ultra Low-light
- 140dB Super WDR
- IR Distance up to 90m
- Smart IR II Technology
- P-Iris Control
- 120fps
- IP67&IK10
- 3-Axis Mechanical Design
- Built-in Microphone
- Smoked Dome Cover
- Clamshell Design & Integrated Cable Management
- PoE(802.3af)/DC 12V

Clamshell Design

Aiming to reduce the installation troubles to the least, Milesight creatively introduced the Clamshell Design to the dome base, which enlarges the space to make cable connection a piece of cake, greatly saving efforts for installers.





Smart IR II Technology

One High Beam LED and Two Low Beam LEDs, whose brightness can be adjusted manually or automatically on the basis of the zoom ratio, are used for better night image clarity and quality regardless of the object distance.

Smoked Dome Cover

The Smoked Dome Cover can easily hide the direction in which the lens is pointing while remain the UHD video images, preventing intruders from taking advantage of knowing where the security camera is pointing and their vulnerable spots.

Mounting Bracket

Being customer-oriented, Milesight optimized the hardware structure to avoid fatiguesome installation job 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.



Motorized Pro Bullet Camera

2MP 5MP 8MP

MS-C2962-(Q)(T)(R)F(I)PB/MS-C2862-(R)F(I)PB/MS-C5362-(H)F(I)PB/MS-C8162-(H)F(I)PB/MS-C8262-F(I)PB

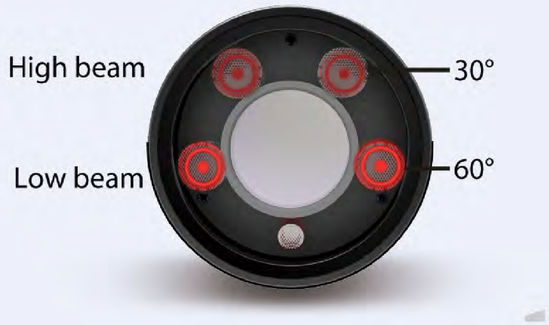




4K

A62 Junction Box

- 30fps@4K
- 0.001Lux Ultra Low-light
- 140dB Super WDR
- IR Distance up to 100m
- Smart IR II Technology
- P-Iris Control
- 120fps
- IP67&IK10
- 3-Axis Mechanical Design
- Clamshell Design & Integrated Cable Management
- PoE(802.3af)/DC 12V



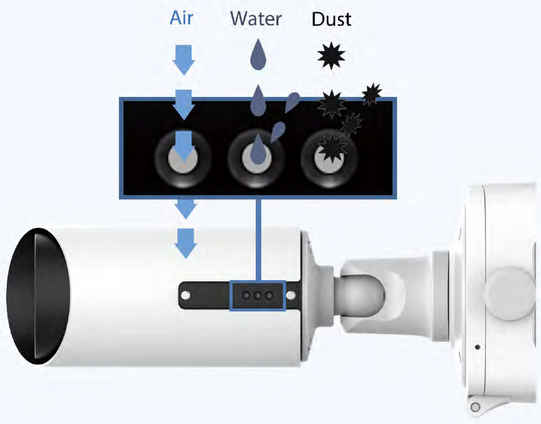
Smart IR II Technology

Two High Beam LEDs and Two Low Beam LEDs, whose brightness can be adjusted manually or automatically on the basis of the zoom ratio, are used for better night image clarity and quality regardless of the object distance.



Integrated Cable Management Bracket

In the base support, there are power interface, PoE port, Audio I/O and Alarm I/O interfaces. Thanks to the Integrated Cable Management, it takes no effort in installation. Besides, the creative clamshell design minimizes the installation troubles and enlarges the space to make cable connection a piece of cake.



PTFE Membrane

Applying the PTFE membrane to ventilation holes, the camera housing is designed to keep moisture and dust out while allowing air to flow into and out of the device, which effectively ensures pressure equalization in the enclosures and prevents fogging and a buildup of condensation on the lenses.

12X AF Motorized Pro Bullet Camera

2MP 5MP

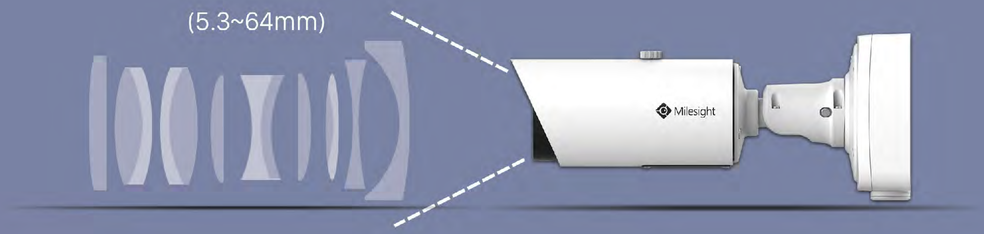
MS-C2962-(Q)(T)(R)EPB/MS-C5362-(H)EPB



A62 Junction Box

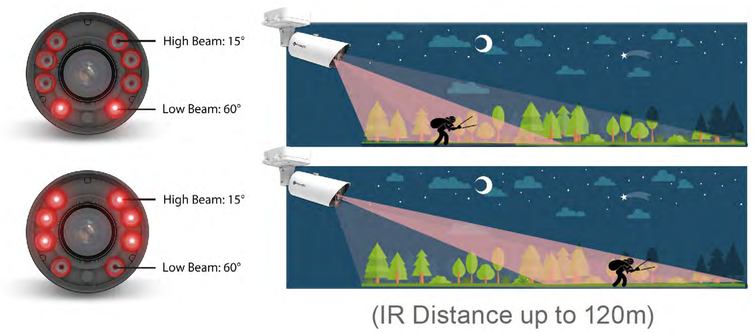
- 12X Optical Zoom
- 0.002Lux Ultra Low-light
- 140dB Super WDR
- IR Distance up to 120m
- Smart IR II Technology
- 120fps
- IP67
- 3-Axis Mechanical Design
- Integrated Junction Box & Integrated Cable Management
- PoE(802.3af)/DC 12V





12X Optical Zoom

The 12X Optical Zoom can zoom in to distant objects while still maintaining the clarity, delivering high quality video over the entire image.



(IR Distance up to 120m)

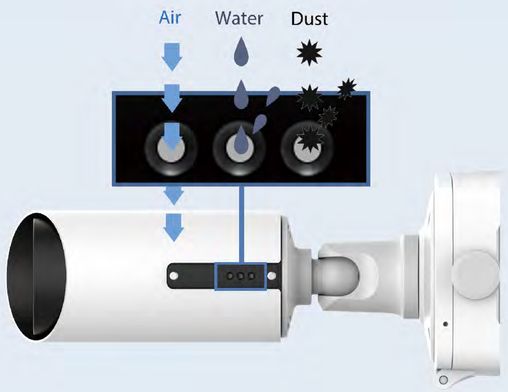
Smart IR II Technology

Six High Beam LEDs and two Low Beam LEDs, whose brightness can be adjusted manually or automatically on the basis of the zoom ratio, are used for better night image clarity and quality regardless of the object distance.



Integrated Junction Box

Flexible installation is ensured as the camera is equipped with integrated cable management box. The creative clamshell design minimizes the installation troubles and enlarges the space to make cable connection a piece of cake.



PTFE Membrane

Applying the PTFE membrane to ventilation holes, the camera housing is designed to keep moisture and dust out while allowing air to flow into and out of the device, which effectively ensures pressure equalization in the enclosures and prevents fogging and a buildup of condensation of the lenses.

Pro Box Camera

2MP 5MP 8MP

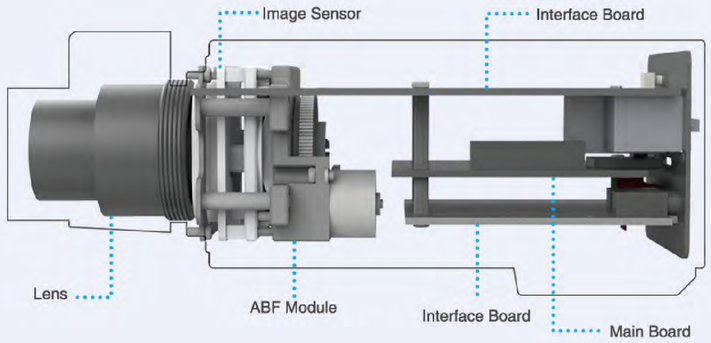
MS-C2951-(Q)(T)(R)(E)PB/MS-C2851-(R)(E)PB/MS-C5351-(H)PB/MS-C8151-(H)PB



A51 Protective Housing

- 30fps@4K
- 0.001Lux Ultra Low-light
- 140dB Super WDR
- Auto Back Focus
- Various Zoom Lens Supported
- 120fps
- Versatile Interfaces
- PoE(802.3af)/DC 12V





Powerful Auto Back Focus

Equipped with technology, Milesight Pro Box Camera is able to adjust the position of the image sensor achieving optimal focus to complete the last step of focusing by pressing only one button.



Versatile Interfaces

In the base, the Pro Box 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 different kinds of video surveillance needs.



Various Zoom Lens Supported

The Pro Box Camera allows the user to choose different zoom lens and the various lens can provide new perspectives, which perfectly caters to the needs for flexible surveillance.



H.265+ HEVC H.265+ | Profile S C T Onvif ONVIF | VCA VCA | PoE PoE | Defog | Super WDR Super WDR | 3D Positioning | SD HC 256G | SIP SIP | Plugin-free | Cyber Security

Milesight PTZ Series provides pan, tilt and zoom functions, enabling wide area coverage and all-round monitoring. In combination with high resolution and H.265+ compression, the cameras provide excellent detailed zoom-in views.

H.265+ PTZ Series Network Camera

- 12X Mini PTZ Bullet Network Camera
- 12X/23X Mini PTZ Dome Network Camera
- 23X/30X Speed Dome Network Camera
- 36X/42X Speed Dome Network Camera

HIGHLIGHT

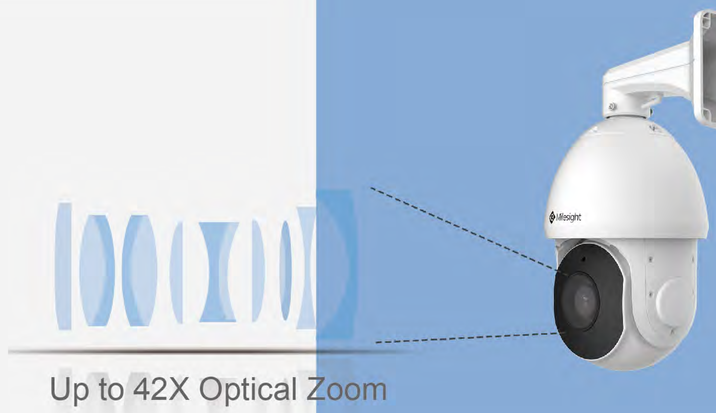
Up to 360° Endless Pan, -5°~90° Auto Flip Tilt

Designed to extend user's reach to the max with the fast lens and meet high-performing surveillance needs, the PTZ Series offers the ability to fast and precisely rotate up to 360° pan and -5°~90° auto flip tilt to survey a wide range of territory.



Up to 42X Optical Zoom

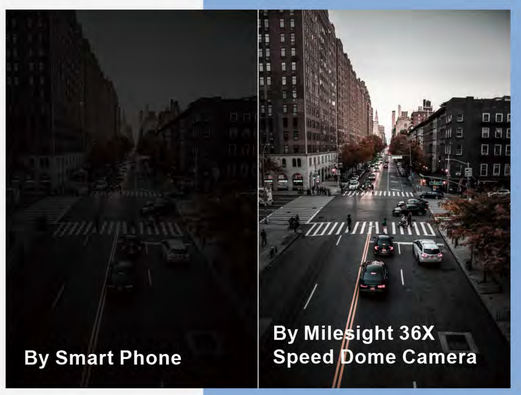
Embedded with optical zoom lens, the cameras' resolution is up to 42X optical zoom which allows the user to zoom up to distant objects while still maintaining the clarity and delivering high quality video over the entire zoom range.



Up to 42X Optical Zoom

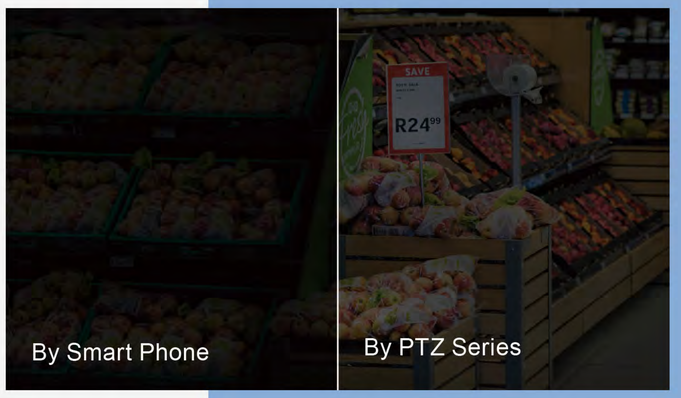
1/1.8" Sensor@36X Model

Seldom used in Speed Dome Cameras, the 1/1.8" sensor applied in the 36X model allows Milesight Speed Dome Camera to deliver clear night image quality.



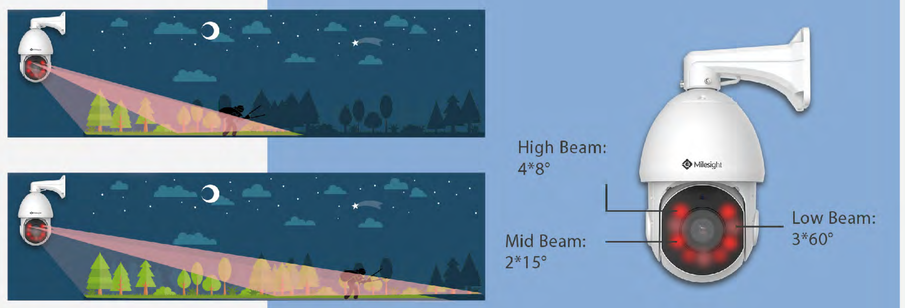
0.001Lux Ultra Low-light

Milesight PTZ Series boasts to deliver outstanding image performance in all kinds of demanding lighting conditions, especially in ultra low light environments, reaching 0.001Lux (Color) or 0Lux (B/W), and near infrared light environments without any supplementary lighting.



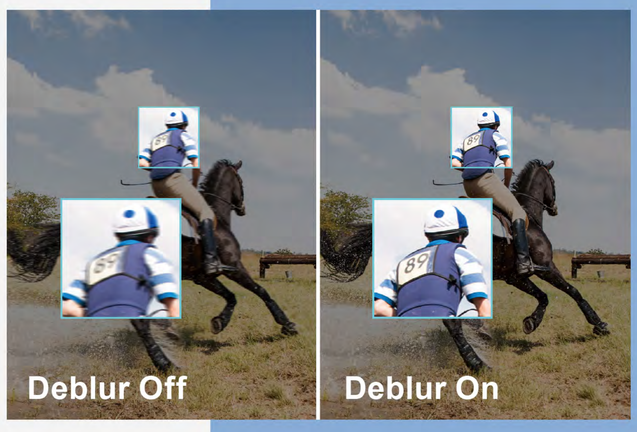
Smart IR II Technology

The advanced Smart IR II technology with 300m IR distance, guarantees superb IR performance with the combination of High Beams and Low Beams and adjustable illumination intensity. Also, the Low Beam and High Beam's brightness can be adjusted manually or automatically on the basis of the zoom ratio.



High-quality Deblur

The deblur function in Milesight cameras limits the exposure time under certain gain range by precise algorithm, removing blurring artifacts which caused by motion, so that it can provide distinct images for moving objects.



IP66&IK10

The weather-proof and vandal-proof capacity are the solid foundation to guarantee the stable and reliable operation of the network camera. Applied in PTZ Series, the IP66-rated weather proofing and IK10-rated vandal proofing, which are the leading level of the industry, well protect the cameras against adverse impact to ensure the performance.



Auto Tracking

Once PTZ Auto Tracking function is enabled, the camera could leverage motor mechanism to perform Pan/Tilt/Zoom to track the moving object automatically, achieving the smart, reliable and real-time video surveillance without any critical details missing.



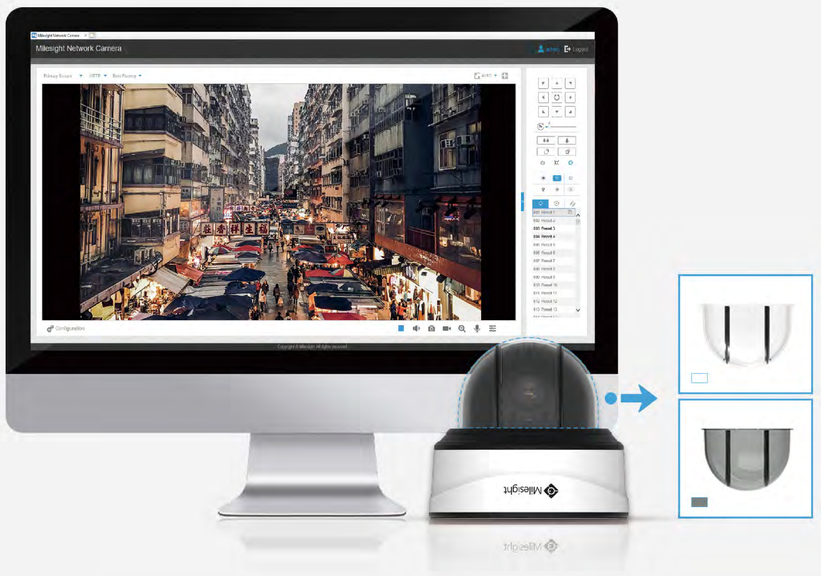
Abundant PTZ Functions

The PTZ Series features various PTZ functions such as presets, patrols, patterns and 3D positioning to easily adjust the camera manually or automatically toward the desired areas, which provide a more flexible way for monitoring.



User-friendly Design

Succinct operation UI design together with discreet structure design, such as Smoked Dome Cover, Recessed Mount and various kinds of accessories, brings Milesight customers the unexpected user-friendly experience.





12X Mini PTZ Bullet Camera

2MP 5MP

MS-C2961-(R)E(P)B/MS-C5361-(H)E(P)B



A62 Junction Box

- 360° Endless Pan & 75° Tilt
- 12X Optical Zoom
- 0.002Lux Ultra Low-light
- 140dB Super WDR
- IR Distance up to 140m
- Smart IR II Technology
- Auto Tracking
- 3D Positioning
- 255 Preset Positions
- 8 Patrols and 4 Patterns
- IP66
- Wall and Pedestal Mount
- Integrated Junction Box
- PoE(802.3at)/DC 12V

Advanced PTZ Functionality

Reaching 360° endless pan, 75° tilt and 12X optical zoom, which are the core functionality of the camera, the 12X Mini PTZ Bullet Camera is able to move for omnidirectional and long range monitoring.



Tilt Range: -45°~30°



Pan Range: 0°~360°

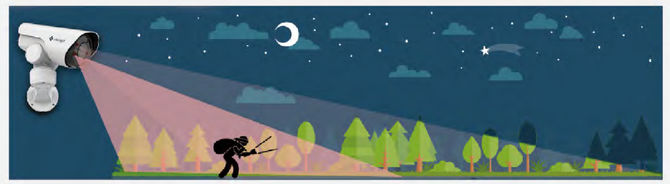


12X Optical Zoom

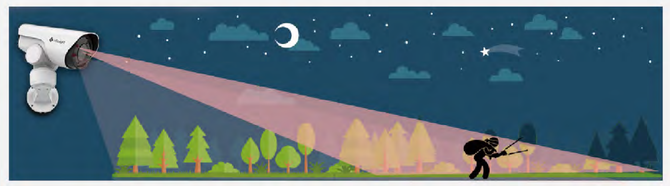
Smart IR II Technology

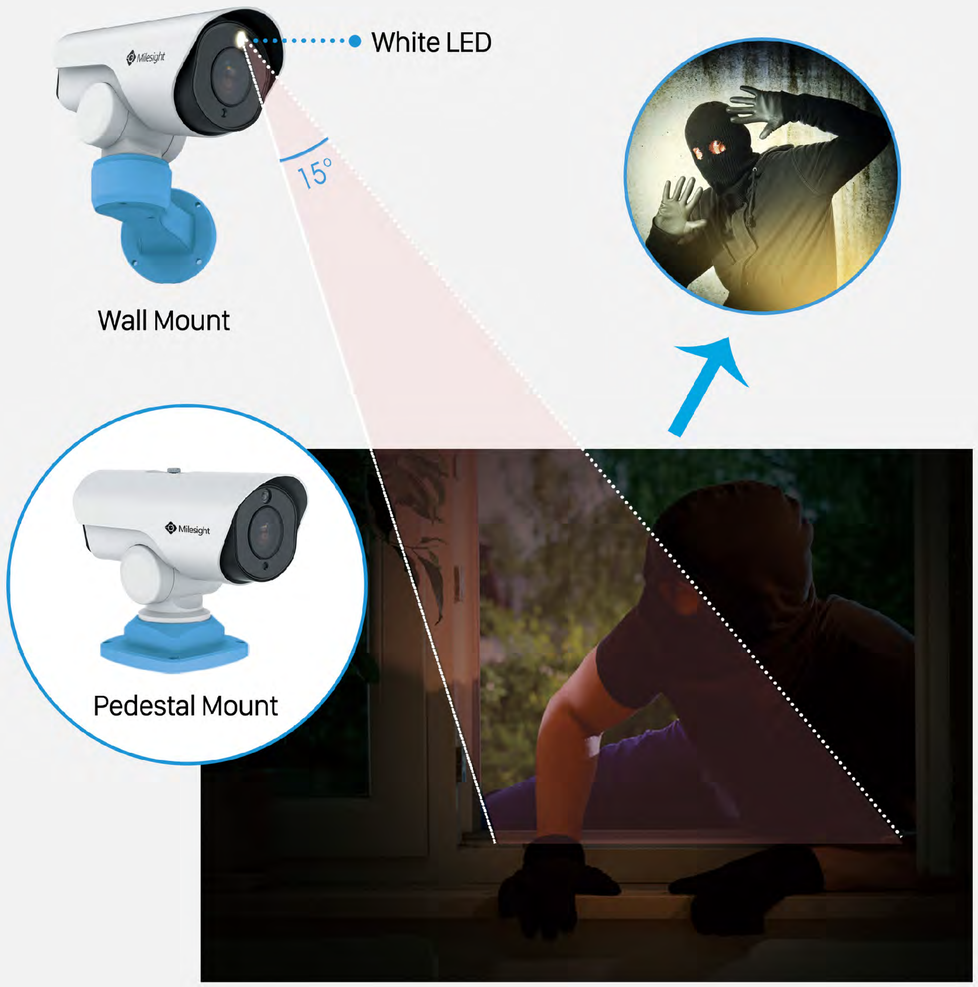
Two High Beam LEDs and two Low Beam LEDs, whose brightness can be adjusted manually or automatically on the basis of the zoom ratio, are used for better night image clarity and quality regardless of the object distance.











Intelligent White LED

With the 15° viewing angle, the White LED can be turned on as a supplementary light source and warning signal at night. Its brightness can be adjusted on the basis of the zoom level to satisfy the actual project requirement.

Flexible Installation Modes

With two installation modes of Wall Mount and Pedestal Mount, the PTZ Bullet Camera, to a greater extent, meets different installation needs for different application scenarios, achieving its best values on the basis of customers' requirements.



Integrated Junction Box

Flexible installation is ensured as the camera is equipped with integrated cable management box. The creative clamshell design minimizes the installation troubles and enlarges the space to make cable connection a piece of cake.

12X/23X Mini PTZ Dome Camera

2MP 5MP

MS-C2971-X12RPB/MS-C2971-X23RPB/MS-C5371-X12HPB /MS-C5371-X23HPB



A77 Wall Mount	A78 Recessed Mount
A79 Pendant Mount	AC-71 Smoked Dome Cover

- 360° Endless Pan, -5°~90° Auto Flip Tilt
- 12X/23X Optical Zoom
- 0.002Lux Ultra Low-light
- 140dB Super WDR
- IR Distance up to 120mm
- Smart IR II Technology
- Auto Tracking
- 3D Positioning
- 255 Preset Positions
- 8 Patrols and 4 Patterns
- IP66&IK10
- Recessed Installation
- PoE(802.3at)/DC 12V





Advanced PTZ Functionality

Reaching 360° endless pan, -5°~90° auto flip tilt and 12X/23X optical zoom, which are the core functionality of the Mini PTZ Dome Camera, the 12X/23X Mini PTZ Dome Camera is able to move for omnidirectional and long range monitoring.

Smart IR II Technology

Four High Beam LEDs and two Low Beam LEDs, whose brightness can be adjusted manually or automatically on the basis of the zoom ratio, are used for better night image clarity and quality regardless of the object distance. Also the IR Anti-reflection Design adopts elaborate panels to completely remove the worries of the IR reflection, which guarantees the camera to offer best IR feature.

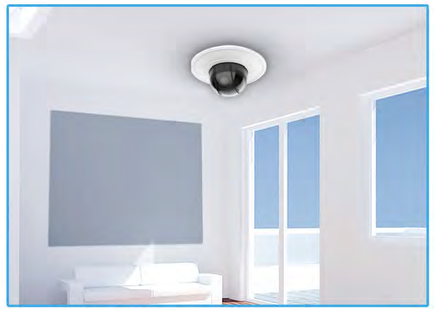
Smoked Dome Cover

The Smoked Dome Cover hides the direction in which the lens is pointing while remain the UHD video images, preventing intruders from taking advantage of knowing where security cameras are pointing and their vulnerable spots.



Various Accessories

The 12X/23X Mini PTZ Dome Camera is a functional model which can be applied in various scenarios. To best guarantee its installation and use experience, four efficient accessories are available to bring supreme performance.


A78 Recessed Mount


A79 Pendant Mount


A77 Wall Mount


AC-71 Smoked Dome Cover



23X/30X Speed Dome Camera

2MP 5MP

MS-C2941-X23R(P)B/MS-C2941-X30R(P)B/MS-C5341-X23H(P)B/MS-C5341-X30H(P)B



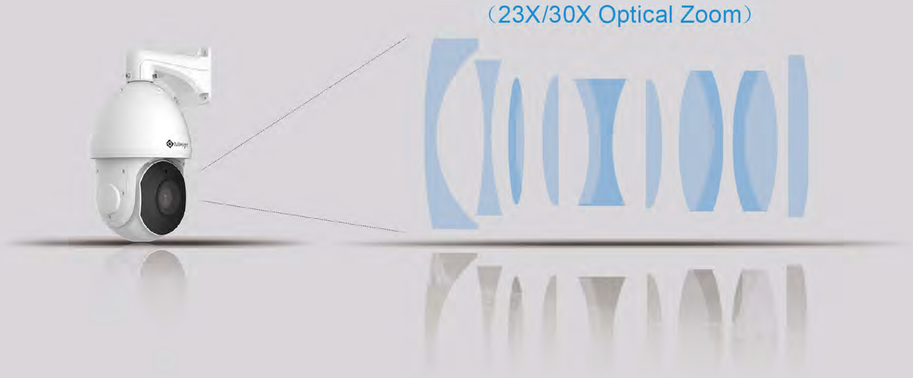
A42 Pendant Mount

A43 Junction Box

- 360° Endless Pan, 0°~90° Auto Flip Tilt
- 23X/30X Optical Zoom
- 60fps@2MP, 30fps@5MP
- IR Distance up to 200m
- 140dB Super WDR
- Smart IR II Technology
- Auto Tracking
- 3D Positioning
- 255 Preset Positions
- 8 Patrols and 4 Patterns
- IP66&IK10
- PoE(802.3at)/AC 24V
- Snap-fit Junction Box Design

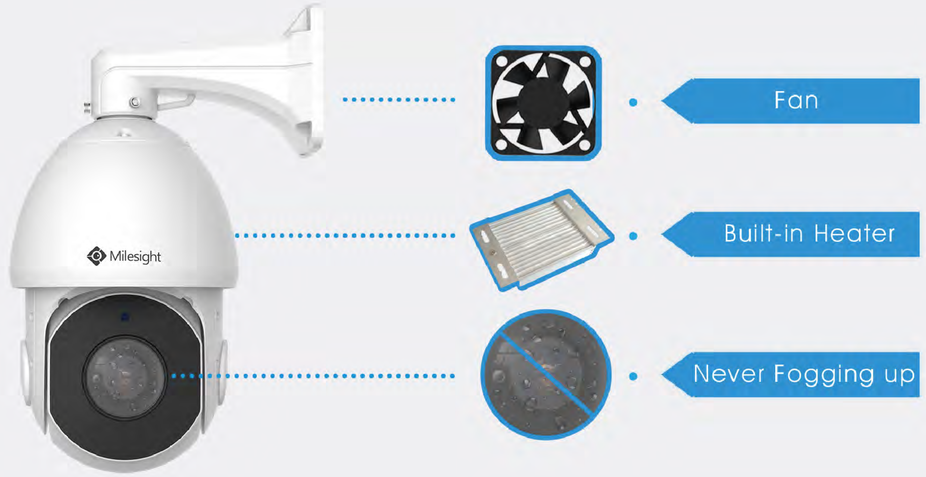
23X/30X Optical Zoom

Milesight 23X/30X Speed Dome Camera is designed to extend user's reach to the max with the fast 5~117mm@F1.5~F3.5 / 4.7~141mm@F1.5 ~F4.0 lens. The 23X/30X optical zoom allows the user to zoom up to distant subjects while still maintaining the clarity, delivering high quality video over the entire zoom range.



Comprehensive Defogging

The Speed Dome Camera creatively realizes the comprehensive defog performance both in hardware of a smart fan, a built-in heater and software of image defogging algorithm, enabling the camera to avoid image fogging problems.





Smart IR II Technology

Four LEDs work as High Beam, two LEDs work as Mid Beam, while the other three as Low Beam, whose brightness can be adjusted manually or automatically on the basis of the zoom ratio, are used for better night image clarity and quality regardless of the object distance.

PoE for Easy Installation

Milesight 23X/30X Speed Dome Camera complies with PoE standard IEEE 802.3at, which eases installation by providing power and networking connectivity with a single cable, eliminating the need for additional power cables and reduces installation costs.



36X/42X Speed Dome Camera

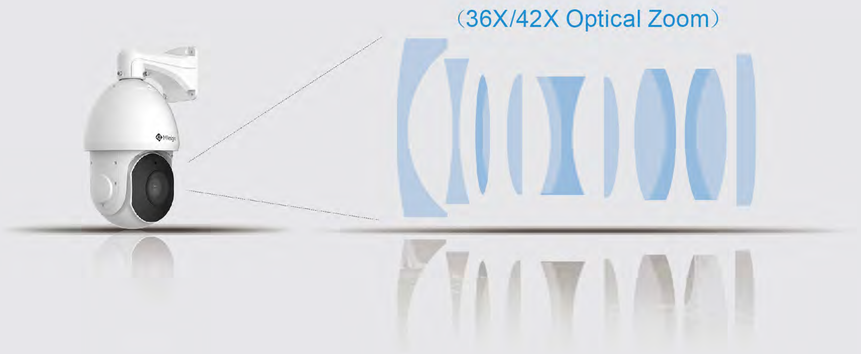
2MP 5MP 8MP

MS-C2841-X36R(P)B/MS-C2941-X42R(P)B/MS-C5341-X42H(P)B/MS-C8241-X36(P)B



A41 Wall Mount A42 Pendant Mount A43 Junction Box

- 360° Endless Pan, 0°~90° Auto Flip Tilt
- 36X/42X Optical Zoom
- 4KVideo Viewing Experience
- 1/1.8” Sensor @36X Model
- Up to 60fps@2MP, 30fps@5MP, 30fps@4K
- 0.001Lux Ultra Low-light
- IR Distance up to 300m
- 140dB Super WDR
- Smart IR II Technology
- Auto Tracking
- 3D Positioning
- 255 Preset Positions
- 8 Patrols and 4 Patterns
- IP66&IK10
- PoE(802.3at)/AC 24V
- Snap-fit Junction Box Design



36X/42X Optical Zoom

Milesight 36X/42X Speed Dome Camera is designed to extend user's reach to the max with the fast 5.7~205.2mm@F1.55~F4.8/7~300mm@F1.8 ~F6.5 lens. The 36X/42X optical zoom allows the user to zoom up to distant subjects while still maintaining the clarity, delivering high quality video over the entire zoom range.

1/1.8" Sensor@36X Model

Seldom used in Speed Dome Cameras, the 1/1.8'' sensor applied in the 36X model allows Milesight Speed Dome Cameras to deliver clear night image quality, reaching 0.001Lux (Color) or 0Lux (B/W).

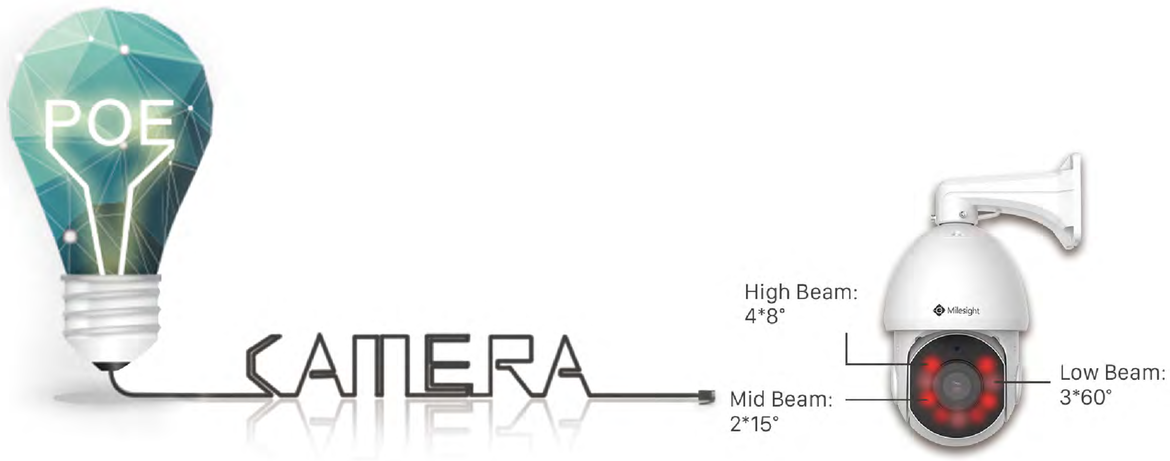


Smart IR II Technology

Four LEDs work as High Beam, two LEDs work as Mid Beam, while the other three as Low Beam, whose brightness can be adjusted manually or automatically on the basis of the zoom ratio, are used for better night image clarity and quality regardless of the object distance.

PoE for Easy Installation

Milesight 36X/42X Speed Dome Camera complies with PoE standard IEEE 802.3at, which eases installation by providing power and networking connectivity with a single cable, eliminating the need for additional power cables and reduces installation costs.



PANORAMIC SERIES



H.265+ | ONVIF | VCA | PoE | Defog | WDR | 256G | SIP | Plugin-free | Cyber Security

Milesight Panoramic Series features with advanced technologies, bringing panoramic viewing experience, of which high resolution and latest design guarantee the detailed images and enjoyable user-experience.

H.265+ Panoramic Series Network Camera

- 180° Panoramic Mini Bullet Network Camera
- 360° Panoramic Fisheye Network Camera

HIGHLIGHT

180°/360° Panoramic View

The Panoramic Series is born to bring panoramic viewing experience with zero blind spots. 360° surrounded view by Fisheye Camera and 180° overall view by 180° Panoramic Mini Bullet Camera provide unparalleled panoramic view with finer details.



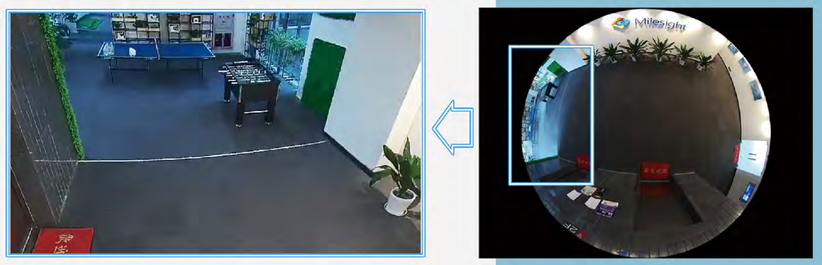
Up to 12MP Ultra High Resolution

The ultra high resolution up to 12MP better restored the images to guarantee superb image quality. The dewarp process to adjust the original images to fit human eyes may cause the pixel losing. That is why the high resolution is vital for the camera.



Superior Dewarping Capability

The Panoramic Series features powerful decoding ability, which could provide high performance in each dewarping channels. For example, the Fisheye Camera could offer up to 25fps@12MP under 1O and up to 30fps@3MP for each channel under 4R.



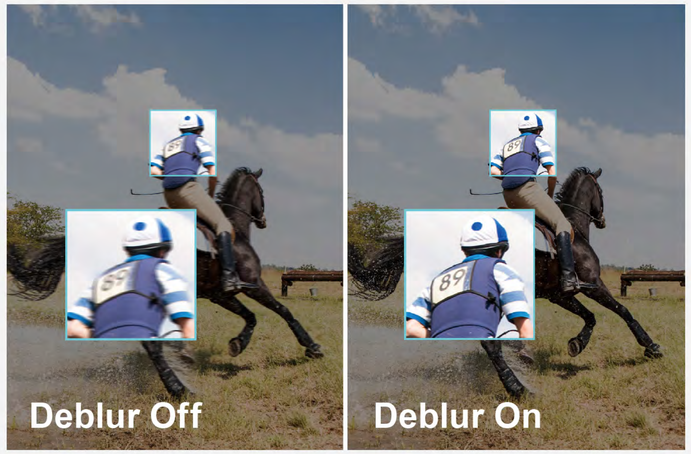
Smart IR II Technology

The advanced Smart IR II technology guarantees superb IR performance with the combination of High Beams and Low Beams and adjustable illumination intensity. Also, the Low Beam and High Beam's brightness can be adjusted manually.



High-quality Deblur

The deblur function in Milesight cameras limits the exposure time under certain gain range by precise algorithm, removing blurring artifacts which caused by motion, so that it can provide distinct images for moving objects.



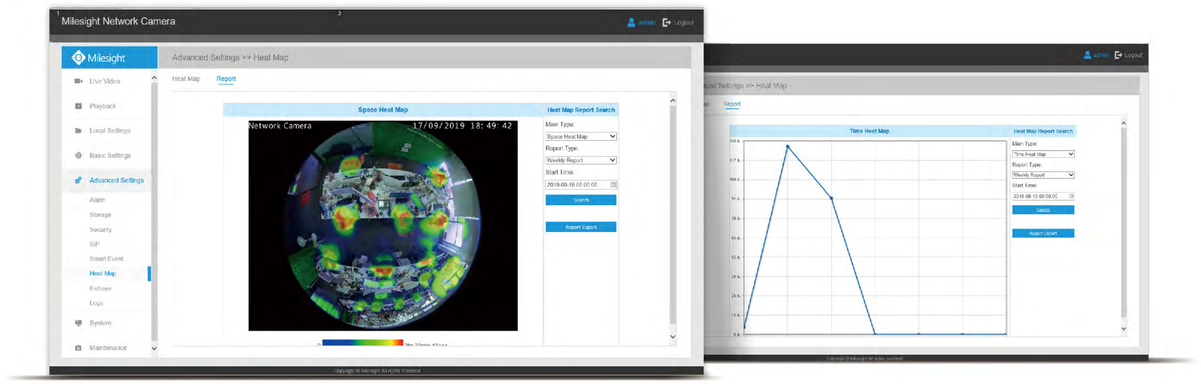
Auto Tracking

E-PTZ Auto Tracking function is embedded into the Fisheye Camera, which could perform digital Pan, Tilt and Zoom under Regional Views to track the moving objects automatically.



Advanced Heat Map

The Heat Map is a Statistical Behavior Analysis which is built into the Panoramic Series to track people's movement. It turns the Fisheye Camera into a unique video analytic tool to better understand customer pattern and trend.



IP67&IK10

The weather-proof and vandal-proof capacity are the solid foundation to guarantee the stable and reliable operation of the network camera. Applied in Panoramic Series, the IP67-rated weather proofing and IK10-rated vandal proofing, which are the leading level of the industry, well protect the cameras against adverse impact to ensure the performance.



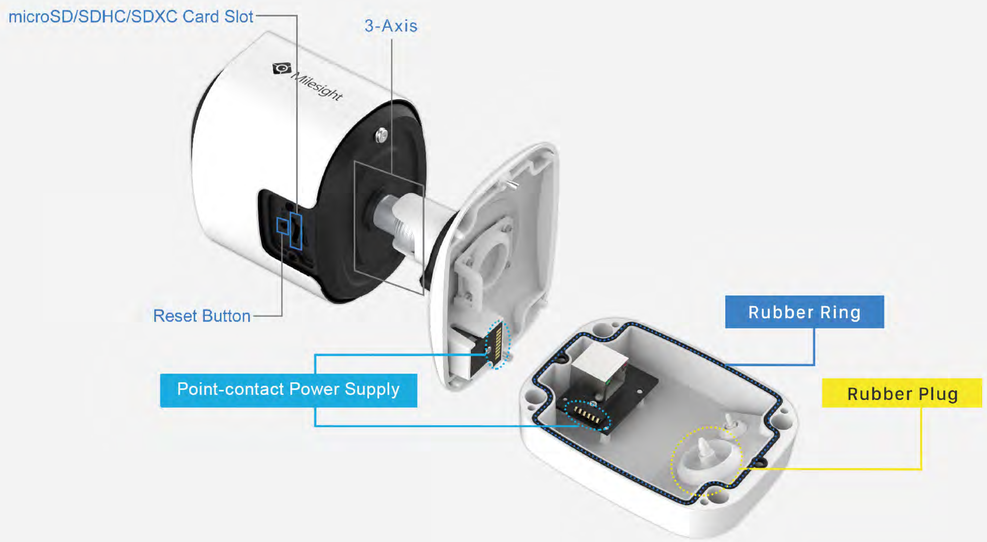
Built-in Microphone

Built-in microphone is embedded in Milesight Fisheye Camera to catch voices. Meanwhile, it is also first introduced in the body of the 180° Panoramic Mini Bullet Camera. With the built-in microphone, the Panoramic Series allows simultaneous video and audio streaming over the network to a network video recorder or computer.



Point-contact Power Supply

In order to provide easy installation and neat design, Milesight innovatively creates point-contact power supply which used in the Fisheye Camera and the Junction Box of the 180° Panoramic Mini Bullet Camera. It just needs to connect the two parts to gain power without any other cables.



180° Panoramic Mini Bullet Camera

5MP 8MP

MS-C5365-PB/MS-C8165-PB

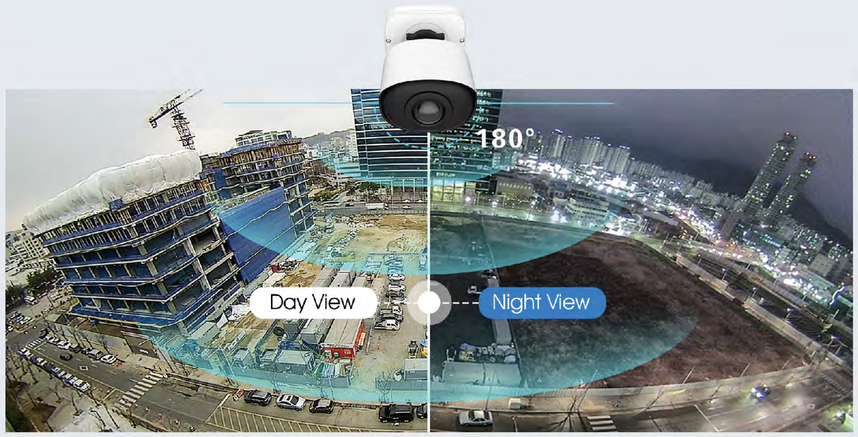


4K

A01 Pole Mount A03 External Corner Bracket

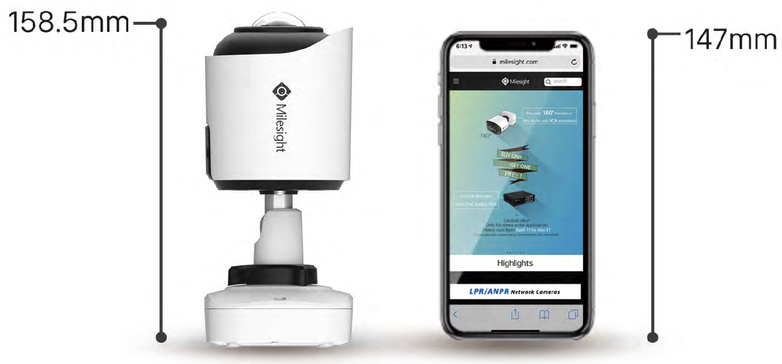
- Up to 4K Video Viewing Experience
- 180° Panoramic Experience
- 180° IR Coverage
- 120dB Super WDR
- 0.005Lux Ultra Low-light
- IR Distance up to 15m
- Smart IR II Technology
- Heat Map
- IP67&IK10
- Built-in Microphone
- 3-Axis Mechanical Design
- Integrated Junction Box
- PoE(802.3af)/DC 12V





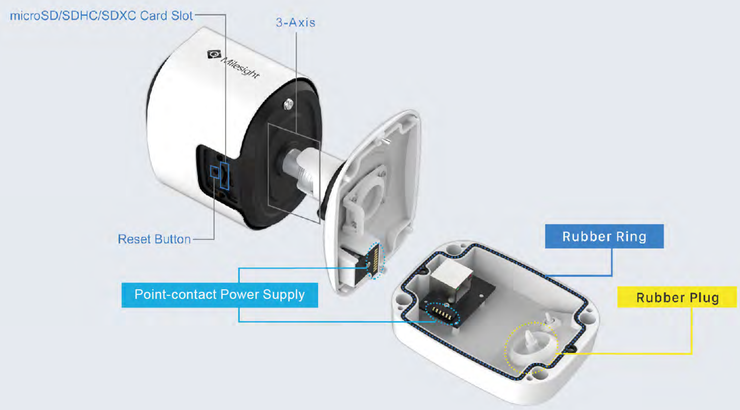
180° Panoramic View

The 180° Panoramic Mini Bullet Camera is perfect for whole picture viewing experience. It catches 180° horizontal coverage and 95° vertical coverage, achieving 180° panoramic viewing with only single sensor. The camera can also truly realize the 180° IR coverage at night with two IR LEDs which have angles.



Ultra-mini Size

The weight and size of the 180° Panoramic Mini Bullet Camera are only 630g and 95.8mm x 74mm x158.5mm respectively, making the camera a truly mini one with no compromise on the functionality.



Integrated Junction Box

The well-designed integrated Junction Box especially the Point-contact Power Supply design, ensures efficient and simple installation. It enlarges the space to make cable connection neat and as easy as a piece of cake.



Fisheye Camera

5MP 12MP

MS-C5374-PB/MS-C9674-PB



12MP

A72 Wall Mount

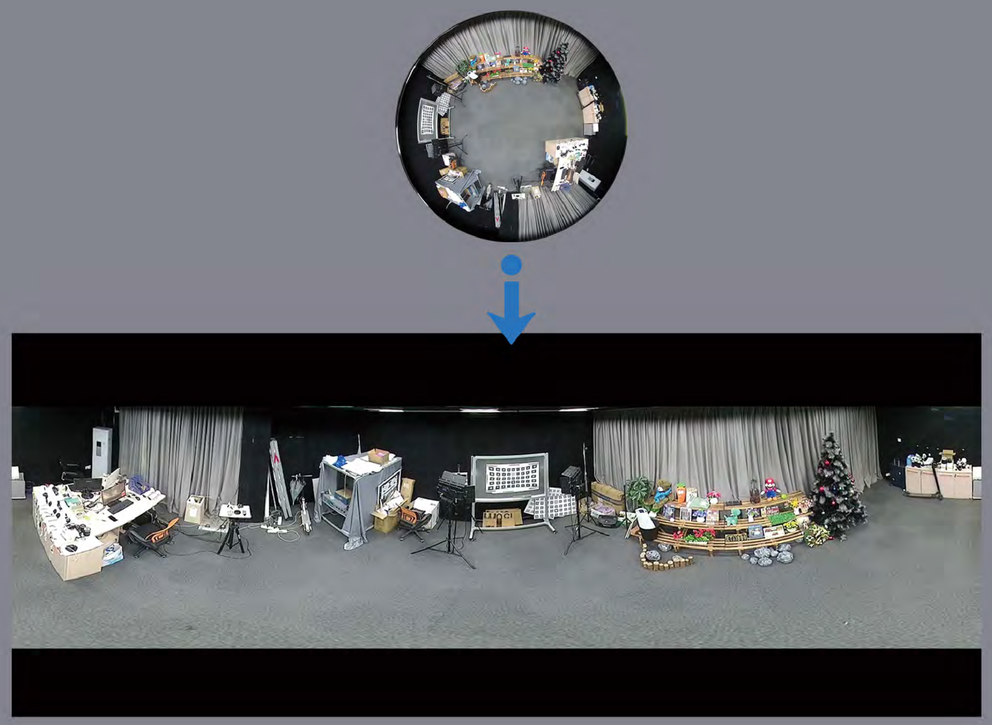
A75 Junction Box

A76 Pendant Mount

- 360° Panoramic Experience
- Up to 12MP High Resolution
- Software&Hardware Dewarping
- 120dB Super WDR
- 0.005Lux Ultra Low-light
- IR Distance up to 15m
- Smart IR II Technology
- Auto Tracking
- Heat Map
- 9 Display Modes
- IP67&IK10
- Built-in Microphone
- Various Accessories for Easy Installation
- PoE(802.3af)/DC 12V

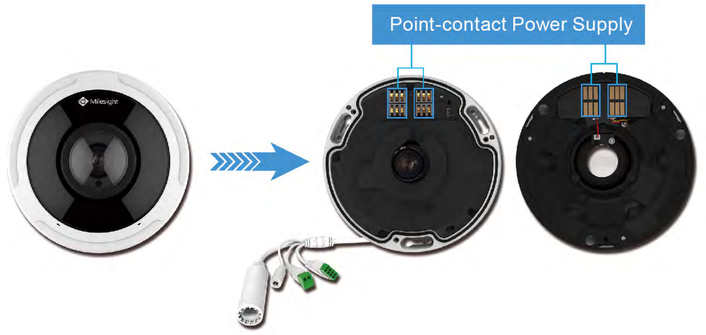
Powerful Decoding Capacity

Milesight 360° Panoramic Fisheye Camera features powerful decoding ability, which could provide high performance in each decoding channels, such as up to 25fps@12MP under 1O and up to 30fps@3MP for each channel under 4R.



Exquisite Design

The body design of the camera insists on the idea of neatness and exquisiteness. The screw-free design and multiple-interface cable keep the body neat. The Point-contact Power Supply replaced the traditional way of power supply with cable which freeing interior space, making the camera an art of surveillance inside and out.



Various Accessories For Easy Installation

Milesight offers various installation accessories to make it easy to install Milesight 360° Panoramic Fisheye Camera. The Junction Box (A75) greatly helps to easily connect and conceal the cables. And the Pendant Mount (A76) is used to install the camera on an ceiling or vertical structure.



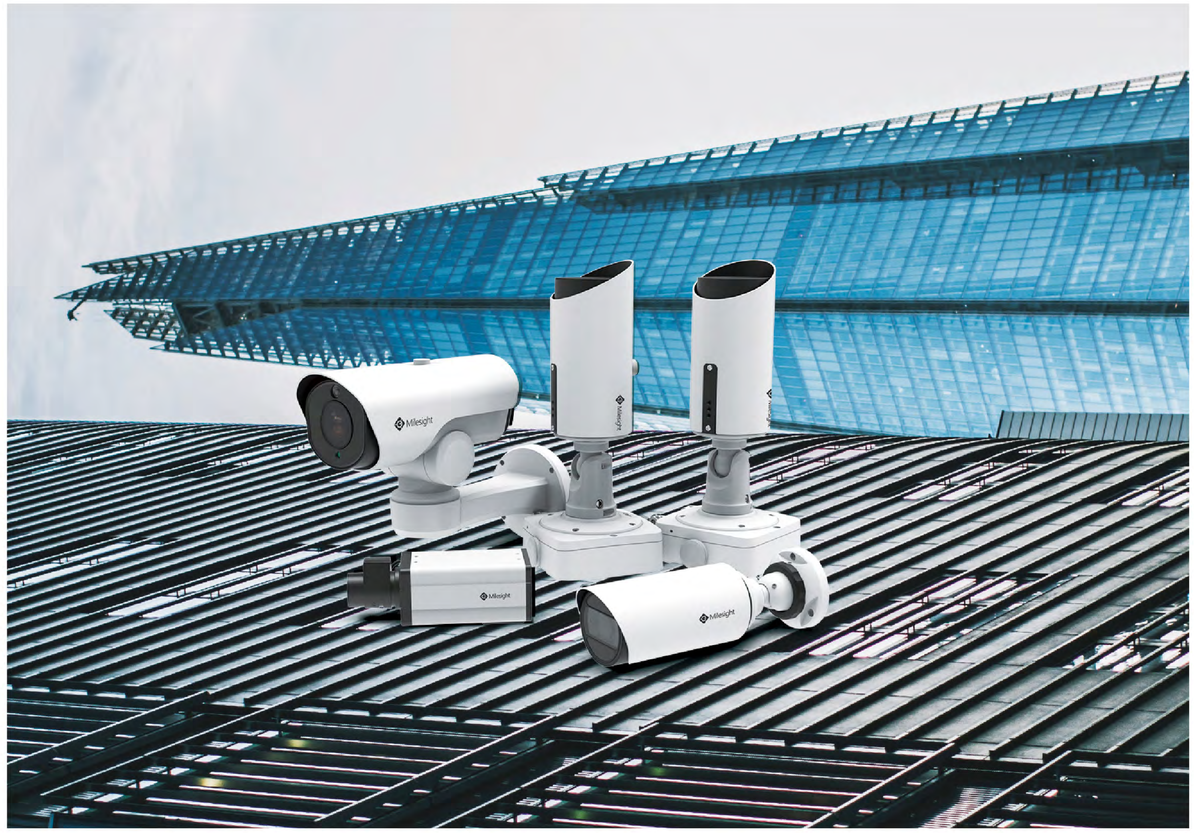
A72 Wall Mount



A75 Junction Box



A76 Pendant Mount



H.265+ ONVIF VCA PoE Defog Super WDR Pro 256G SIP Plugin-free Cyber Security

LPR SERIES

Milesight LPR/ANPR Series is embedded with LPR algorithm. It can automatically detect and capture licence plate in real time and compare to a predefined Black and White List, then take appropriate actions such as generating an alert.

H.265+ LPR Series Network Camera

- LPR Vandal-proof Motorized Mini Bullet Network Camera
- LPR Motorized Pro Bullet Network Camera
- LPR 12X AF Motorized Pro Bullet Network Camera
- LPR ABF Pro Box Network Camera
- LPR 12X Mini PTZ Bullet Network Camera

HIGHLIGHT

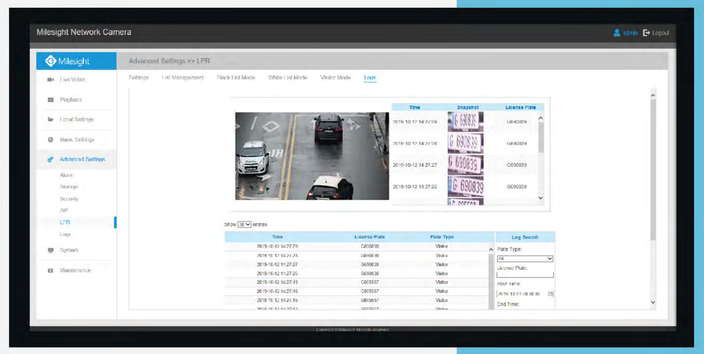
License Plate Recognition

Embedded in the LPR Series, the LPR allows the network cameras automatically detect and capture license plate in real time in both the highest levels of glare and the darkest hours of the night.



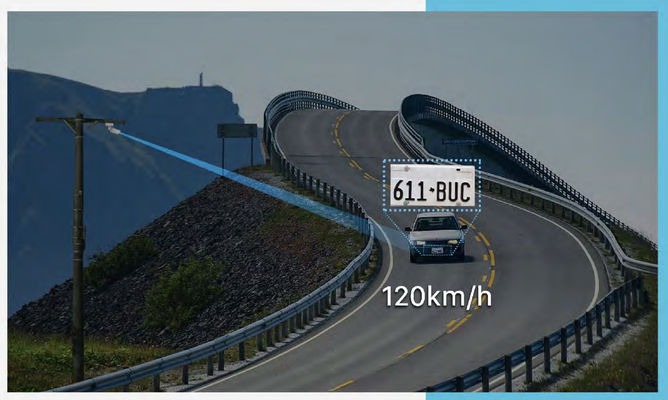
High Recognition Accuracy

Milesight LPR Network Cameras have ability to capture all the moving license plates and recognize it. The recognition accuracy is more than 95%.



Max Recognizable Speed 120km/h

With built-in intelligent video analysis, Milesight LPR Network Cameras have the ability to detect and recognize the moving vehicle's plate number in the speed up to 120km/h.



120fps High Frame Rate

The LPR Series offers super high frame rate up to 120fps@1080P resolution which is quadruple the number of frames offered by conventional HD network cameras. This technology enables the camera to easily capture stable and clear images with no latency on fast moving objects.



0.002Lux Starlight

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



3 in 1 Super WDR Pro-140dB

Milesight upgraded 3 in 1 Super WDR Pro outputs three frames each line, which is able to bring more details especially for moving subjects. What's more, it greatly improves image quality for reducing smear and noisy points. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.



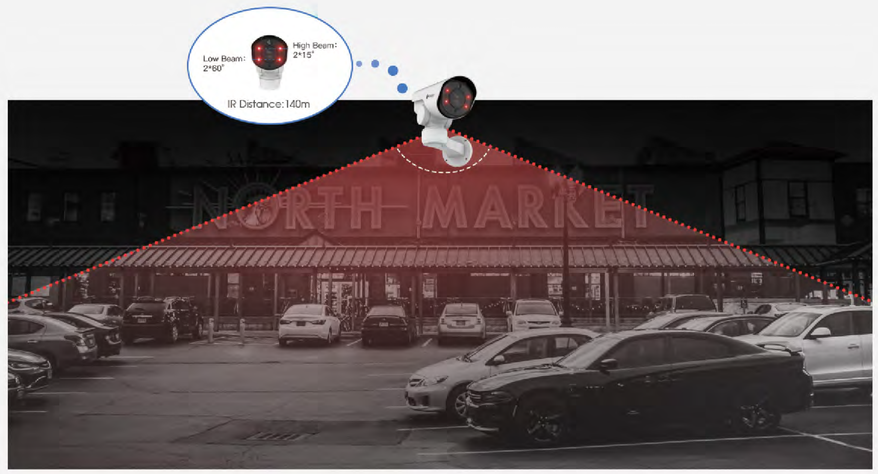
HLC

HLC technology reverses bright points in the picture to black, compensating for the area around strong light spots. As an effective approach to recognize vehicle plate number, HLC function provided in LPR Series can reduce the glare in video to an extent, detect any spotlight diffused by object-vehicle and compensate it for obtaining clearer image.



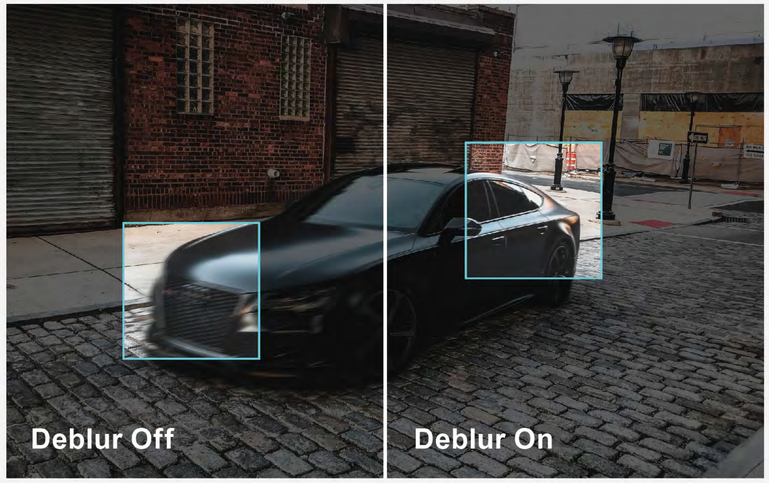
Smart IR II Technology

Milesight Smart IR II Technology in LPR Series has greatly optimized the IR performance. It guarantees superb IR performance with the combination of High Beams and Low Beams and adjustable illumination intensity. Also, the Low Beam and High Beam's brightness can be adjusted manually or automatically on the basis of the zoom ratio.



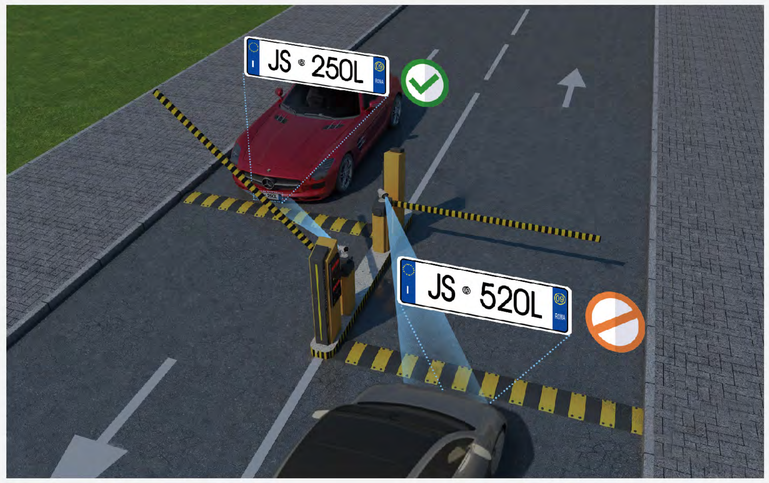
High-quality Deblur

The deblur function in Milesight cameras limits the exposure time under certain gain range by precise algorithm, removing blurring artifacts which caused by motion, so that it can provide distinct images for moving objects.



Black and White List Management

With embedded Black and White List inside the LPR cameras, the cameras could automatically detect and catch the vehicles' plate numbers and then match with the preset B/W list to control the barrier opened, achieving a great stand alone solution.



LPR Vandal-proof Motorized Mini Bullet Camera

MS-C2964-(Q)(R)F(I)LPB



A01 Pole Mount

A02 Internal Corner Bracket

A03 External Corner Bracket

A63 Junction Box

- License Plate Recognition
- 0.002Lux Ultra Low-light
- 3 in 1 Super WDR Pro-140dB
- IR Distance up to 50m
- Smart IR II Technology
- 120fps
- IP67&IK10
- 3-Axis Mechanical Design
- Integrated Junction Box
- PoE(802.3af)/DC 12V



LPR Motorized Pro Bullet Camera

MS-C2962-(Q)(R)F(I)LPB



A01 Pole Mount

A03 External Corner Bracket

- License Plate Recognition
- 0.002Lux Ultra Low-light
- 140dB WDR 3 in 1 Super WDR Pro-140dB
- IR 100m IR Distance up to 100m
- IR II Smart IR II Technology
- P-Iris Control
- 120fps 120fps
- IP67&IK10
- 3-Axis Mechanical Design
- Integrated Junction Box
- PoE PoE(802.3af)/DC 12V



LPR 12X AF Motorized Pro Bullet Camera

MS-C2962-(Q)(R)ELPB



A01 Pole Mount

A03 External Corner Bracket

- License Plate Recognition
- 12X Optical Zoom
- 0.002Lux Ultra Low-light
- 3 in 1 Super WDR Pro-140dB
- IR Distance up to 120m
- Smart IR II Technology
- 120fps
- IP67
- 3-Axis Mechanical Design
- Integrated Junction Box & Integrated Cable Management
- PoE(802.3af)/DC 12V



LPR ABF Pro Box Camera

MS-C2951-(Q)(R)(E)LPB



A51 Protective Housing

- License Plate Recognition
- 0.002Lux Ultra Low-light
- 140dB WDR 3 in 1 Super WDR Pro-140dB
- ABF Auto Back Focus
- Various Zoom Lens Supported
- 120fps 120fps
- Versatile Interfaces
- PoE PoE(802.3af)/DC 12V



LPR 12X Mini PTZ Bullet Camera

MS-C2961-(Q)(R)EL(P)B



A62 Junction Box

- License Plate Recognition
- 360° Endless Pan & 75° Tilt
- 12X Optical Zoom
- 0.002Lux Ultra Low-light
- 3 in 1 Super WDR Pro-140dB
- IR Distance up to 140m
- Smart IR II Technology
- 120fps
- Auto Tracking
- 3D Positioning
- 255 Preset Positions
- 8 Patrols and 4 Patterns
- IP66
- Wall and Pedestal Mount
- Integrated Junction Box
- PoE(802.3at)/DC 12V



Features:

- License Plate Recognition
- **120fps** High Frame Rate
- Vehicle Speed up to **120km/h**
- Recognition Accuracy Rate **>95%**
- Black and White List Management
- Support Various Countries

Recognition Requirements:

The width of license plate is suitable

License plate is readable

Vertical angle is less than 30°

Horizontal angle is less than 30°

Tilt angle is less than 5°

Application Scenarios:



Business Centre



Parking Lot



Gate Control



Urban Road



Rural Road

NVR SERIES



Milesight 4K H.265 NVR Series is a suite of full-featured high-performance NVRs which offer a robust and intelligent system for diverse applications and empower users to set up and manage advanced IP surveillance systems with ease.

- Mini PoE NVR 1000 Series
- PoE NVR 5000 Series
- PoE NVR 7000 Series
- Mini NVR 1000 Series
- Pro NVR 5000 Series
- Pro NVR 7000 Series
- Pro NVR 8000 Series

HIGHLIGHT

Robust Coding&Decoding Performance

Leading-edge H.265 Compression

The latest H.265 codec is embedded in Milesight NVR Series, which will save 50% network bandwidth and video storage capacity, greatly reduced the running cost. And it is able to smartly figure out and switch between H.264 and H.265 automatically.



Up to 4K High Resolution

Milesight 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.



Powerful Decoding Performance

Enable synchronously decoding up to 16-CH 1080P network cameras. Milesight NVRs are ideal for those applications requiring robust decoding performance.

Model	30fps@8MP	30fps@6MP	30fps@5MP	30fps@4MP	30fps@3MP	30fps@1080P	30fps@720P	30fps@D1
MS-N1009-UPT	2-CH	2-CH	3-CH	4-CH	5-CH	8-CH	9-CH	9-CH
MS-N1009-UT								
MS-N5008-UPT							8-CH	8-CH
MS-N5008-UT								
MS-N5016-UT							16-CH	16-CH
MS-N5016-UPT								
MS-N7016-UH	4-CH	5-CH	6-CH	8-CH	10-CH	16-CH	16-CH	16-CH
MS-N7016-UPH								
MS-N7032-UH							32-CH	32-CH
MS-N7032-UPH								
MS-N8032-UH								
MS-N8064-UH								64-CH

Easy Plug and Play

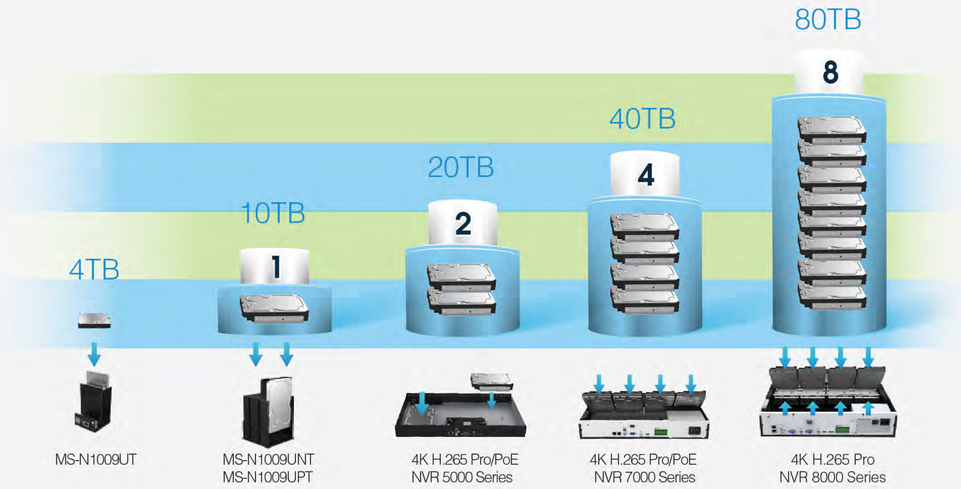
Independent PoE ports in Milesight PoE NVR Series will pass electric power along with video/audio/data to the camera over one single cable, greatly eliminating the need for much time and expertise and achieving a virtually hassle-free installation process.



Versatile Storage Choices

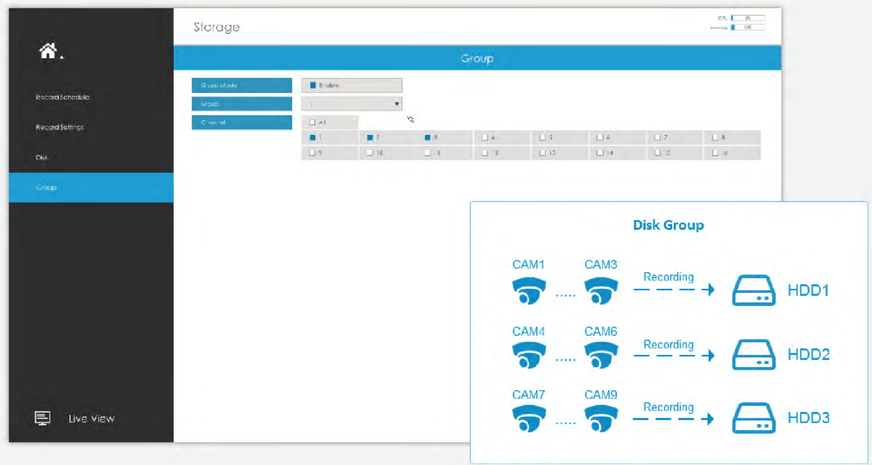
Abundant Storage Way

Milesight NVR Series owns multiple storage capacity and provides various storage types such as NAS, HDD etc., which provides different choices to meet the security needs.



Disk Group

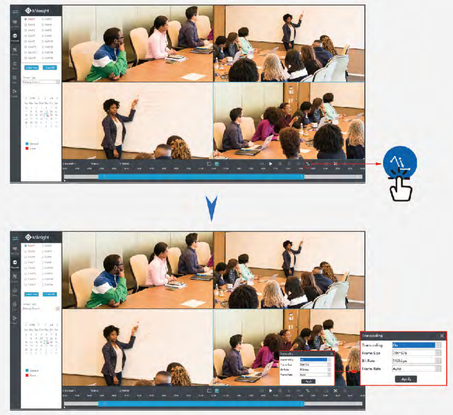
Disk Group divides all the disks into different groups, which is able to storage different channels' recorded files into different groups.



Better Playback Experience

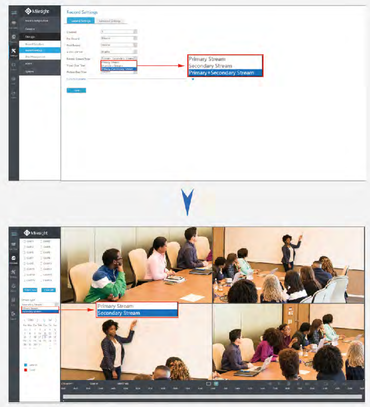
Transcoding

Transcoding (For MS-NXXX-XH) could be set at APP M-Sight Pro or NVR web page to transcode the recorded stream parameters into a smaller one, aiming to reduce the network load and provide better playback performance.



Dual Stream Recording

Dual Stream Recording (For MS-NXXX-XT) enables the NVR to record in Primary+Secondary Stream synchronously. And Secondary Stream could be used in remote playback for better viewing experience. At the same time, the Primary Stream is perfect for the local playback.



Smart Functions

Milesight VCA

Milesight NVRs label themselves as intelligent on the basis of the powerful file system MSFS with 10 VCA functions, which make it easy and simple to record and search the suspect movements.

ANPR Solution

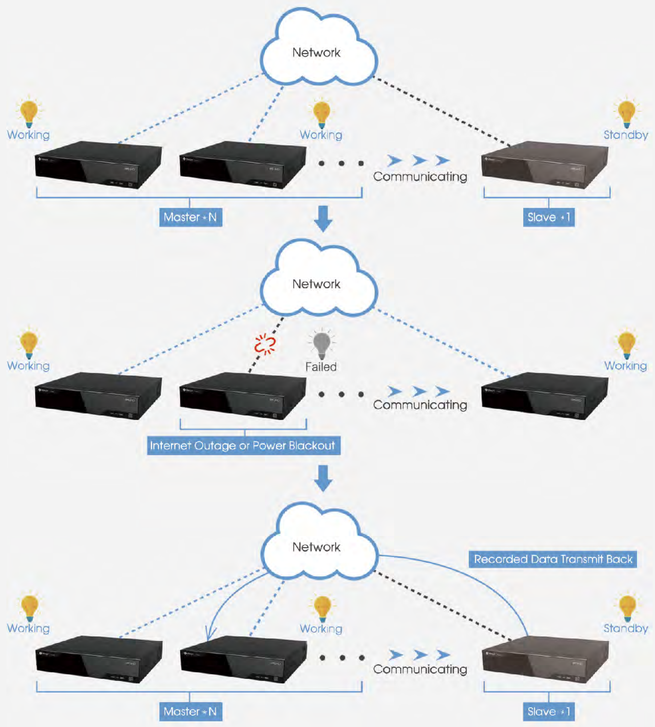
Milesight NVRs offer a complete traffic monitoring back-end management system by a unified management of all detected license plate's logs, including preview, storage, search, backup, alarm configuration, etc.



Guaranteed Data Security

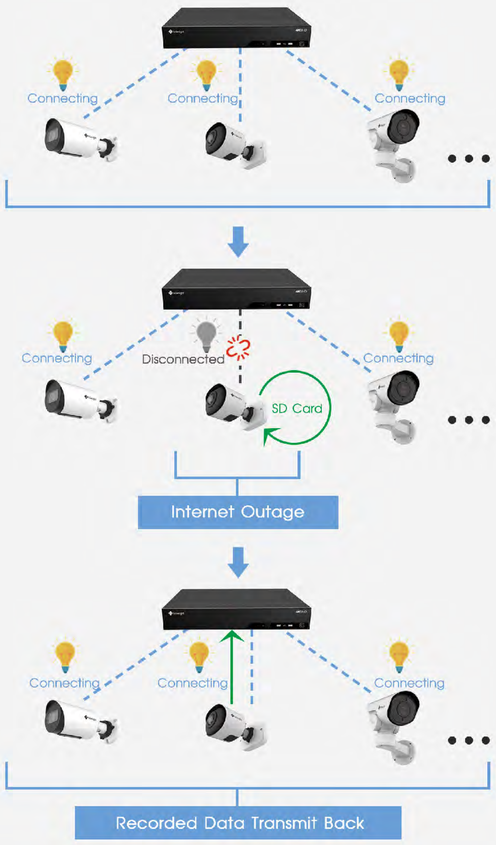
N+1 Hot Spare

Configured as the architecture of N pcs Master NVRs and 1 hot spare Slave NVR, Milesight N+1 Hot Spare, a failover mechanism to provide reliability in system, guarantees the data integrity and reliability of video surveillance system.



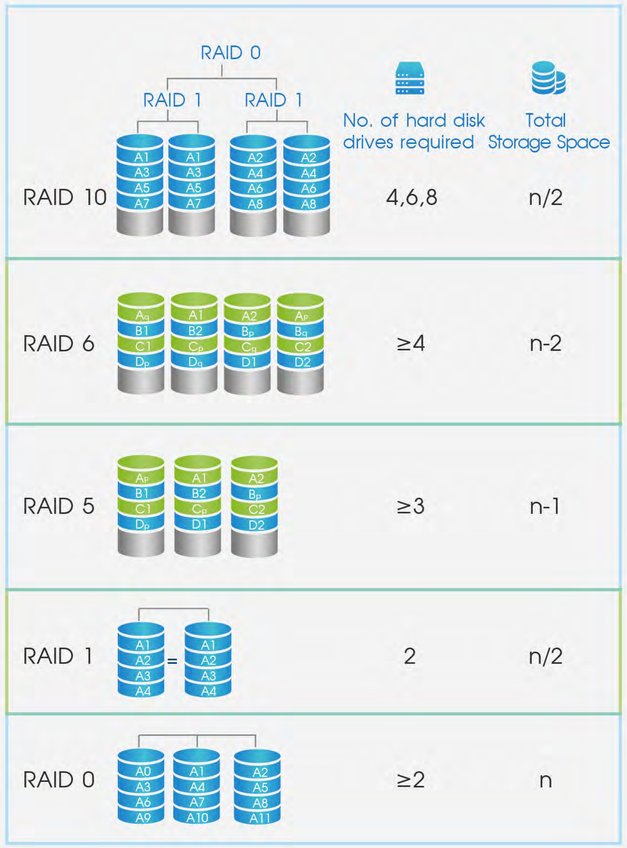
ANR

NVRs with the ANR (Automatic Network Replenishment) function will automatically store video data on the Network Camera storage card when the network fails and automatically retrieves the the data back to the NVRs after recovery of the network, effectively improving the reliability and flexibility of storage.



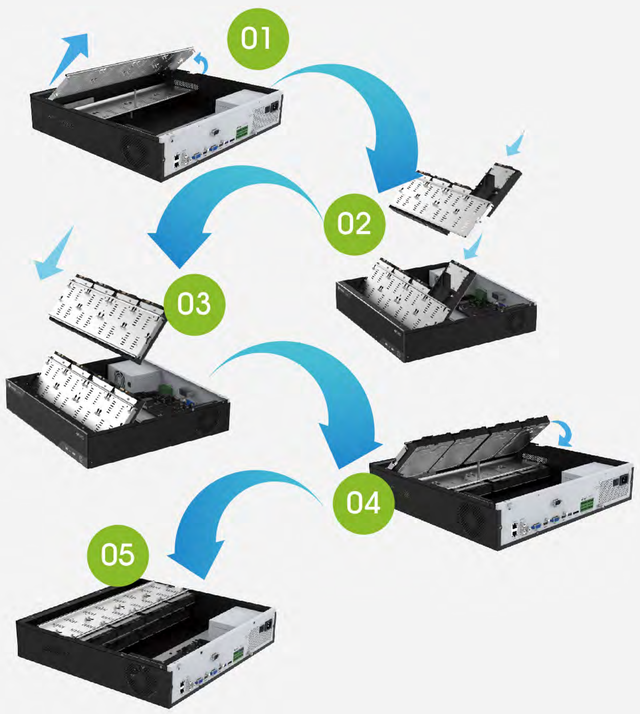
RAID 0/1/5/6/10 Supported

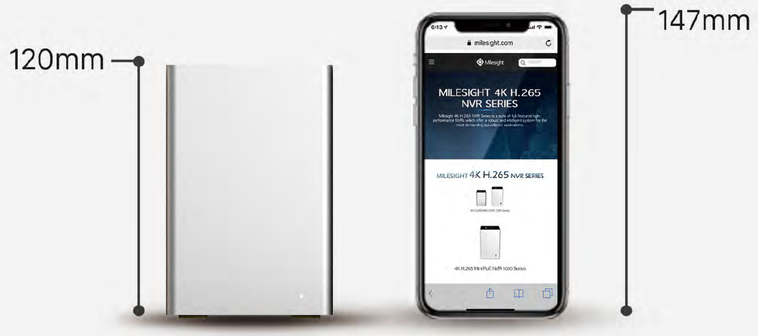
RAID (Redundant Array of Independent Disks) improves the disk reliability to ensure the file recording security. Milesight 4K H.265 Pro/PoE NVR 7000 series and Pro NVR 8000 series support RAID 0/1/5/6/10, providing a reliable and high available storage way.



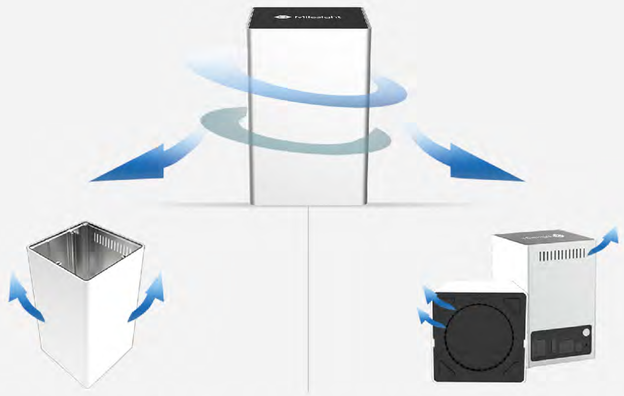
Unique Body Design

Innovative design with streamlined HDD installation structure of Milesight NVRs is optimized to meet the demands for convenient and neat hard disk installation. With 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.





With dimensions of only 80mm*80mm*120mm, the tiny MS-N1009-UT features compact and discreet design which provides the easier and simpler way to keep your home and business safe.



A revolutionary thermal design was boasted in Milesight Mini PoE NVR Series. The aluminum casing united a special panel on bottom improves the effect of heat dissipation. The ventilation holes on rear and bottom panels maximize airflow and carry the heat away easily.



PoE NVR Series

PoE NVR 1000 Series/PoE NVR 5000 Series/PoE NVR 7000 Series

Silver Black



MS-N1009-UPT

9-CH Video Input

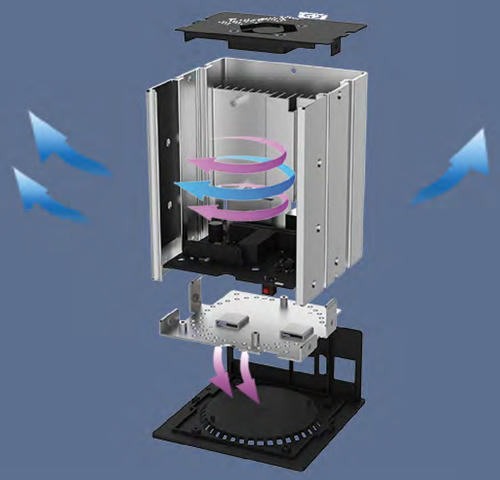
4-CH PoE Ports

- Plug and Play
- 4K Video Viewing Experience
- Up to 10TB(1*3.5'') Capacity
- Dual Stream Recording
- ANR
- Decode up to 8-CH 1080P Cameras
- Record up to 9-CH 5MP High Resolution
- Heat Dissipation

 MS-N5008-UPT/ MS-N5016-UPT	8/16-CH Video Input 8/16-CH PoE Ports	Plug and Play 4K Video Viewing Experience Up to 20TB(2*3.5'') Capacity Dual Stream Recording ANR Decode up to 8-CH 1080P Cameras Record up to 16-CH 5MP High Resolution
 MS-N7016-UPH/ MS-N7032-UPH	16/32-CH Video Input 16/24-CH PoE Ports	Plug and Play 4K Video Viewing Experience Up to 40TB(4*3.5'') Capacity Transcoding N+1 Hot Spare RAID 0/1/5/6/10 ANR Decode up to 16-CH 1080P Cameras Record up to 32-CH 5MP High Resolution Optimized Hard Disk Installation

Excellent Heat Dissipation

Cooperated with the ventilation holes on rear and bottom panels, an intelligent fan inside Mini PoE NVR drives airflow, offering excellent performance of cooling and ensuring great protection for components. Moreover, the NVR boasts an innovative thermal design. The aluminum casing united a special panel on bottom improves the effect of heat dissipation.



Optimized Hard Disk Installation

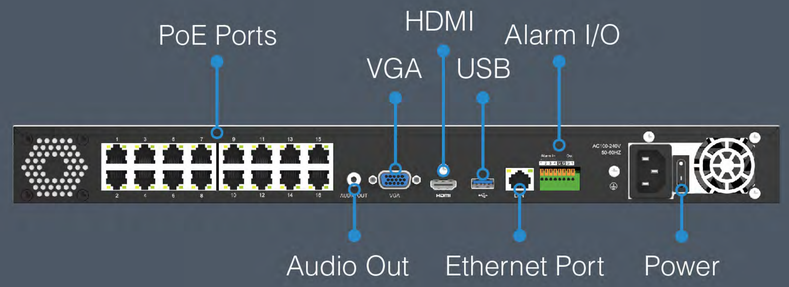
Hardware components are optimized to meet the demands for convenient and stable hard disk installation. With the 4 HDDs tightly screwed in a bracket and the bracket locked in the slots design, the hard disks are surprisingly simpler to mount and the installation time is greatly minimized.



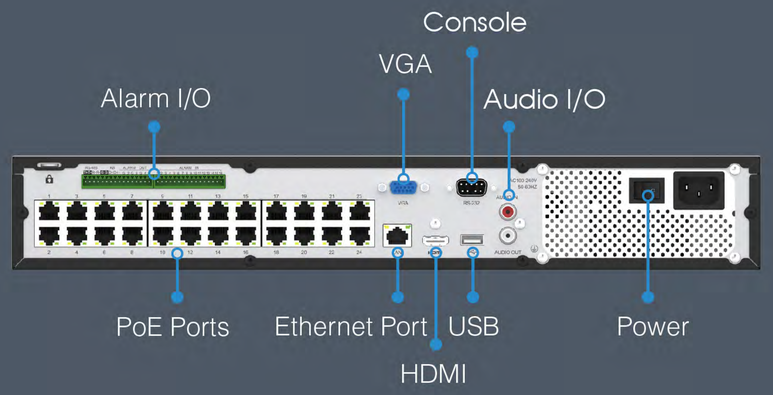
(PoE NVR 7000 Series)

Versatile Interfaces

Milesight 4K H.265 PoE NVR Series comes with a whole array of ports such as an HDMI port, a VGA port, 3 USB ports, 4/8/16/24 PoE ports, Alarm I/O, Audio I/O and a LAN port, etc. The full set of interfaces provide all necessary features for effective surveillance.



(PoE NVR 5000 Series)



(PoE NVR 7000 Series)



NVR Series

Mini NVR 1000 Series/Pro NVR 5000 Series/Pro NVR 7000 Series/Pro NVR 8000 Series



Silver Black Gold

MS-N1009-UT/
MS-N1009-UNT

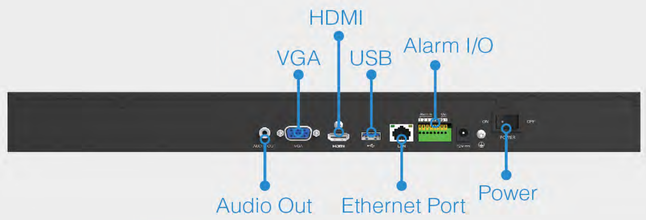
9-CH Video Input

- 4K Video Viewing Experience
- Up to 4TB(2*2.5'')/ 10TB(1*3.5'') Capacity
- Dual Stream Recording
- ANR
- Decode up to 8-CH 1080P Cameras
- Record up to 9-CH 5MP High Resolution
- Ultra-mini Size
- Heat Dissipation

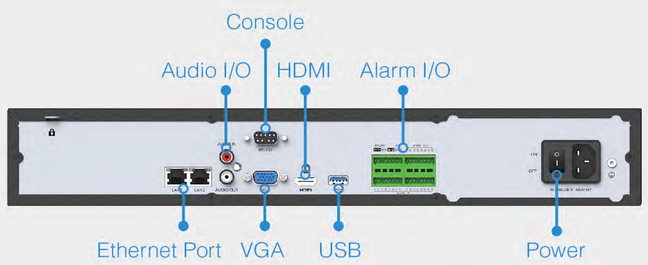
 MS-N5008-UT/ MS-N5016-UT	8-CH/16-CH Video Input	4K Video Viewing Experience Up to 20TB(2*3.5'') Capacity Dual Stream Recording ANR Decode up to 8-CH 1080P Cameras Record up to 16-CH 5MP High Resolution
 MS-N7016-UH/ MS-N7032-UH	16-CH/32-CH Video Input	4K Video Viewing Experience Up to 40TB(4*3.5'') Capacity Transcoding N+1 Hot Spare RAID 0/1/5/6/10 ANR Decode up to 16-CH 1080P Cameras Record up to 32-CH 5MP High Resolution Optimized Hard Disk Installation
 MS-N8032-UH/ MS-N8064-UH	32-CH/64-CH Video Input	4K Video Viewing Experience Up to 80TB(8*3.5'') Capacity Transcoding N+1 Hot Spare RAID 0/1/5/6/10 ANR Decode up to 16-CH 1080P Cameras Dual Monitor Display, 2-CH HDMI, 2-CH-VGA Optimized Hard Disk Installation

Versatile Interfaces

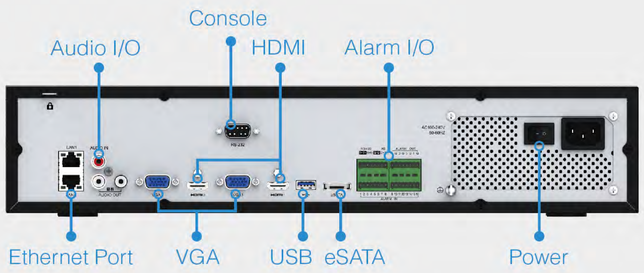
Milesight 4K H.265 NVR Series comes with a whole array of ports such as an HDMI port, a VGA port, 3 USB ports, Alarm I/O, Audio out and a LAN port, etc. The full set of interfaces provide all necessary features for effective surveillance.



(Pro NVR 5000 Series)



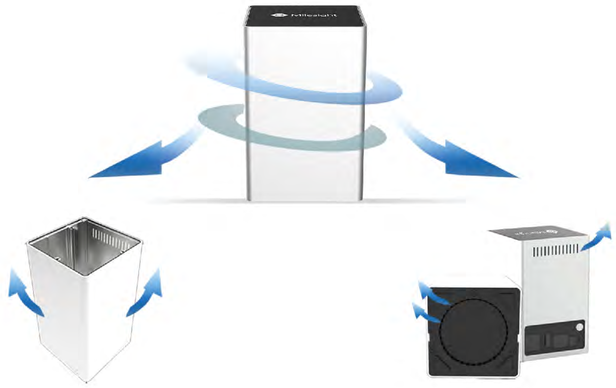
(Pro NVR 7000 Series)



(Pro NVR 8000 Series)

Revolutionary Thermal Design

The Mini NVR boasts a revolutionary thermal design. The aluminum casing is served as a heat sink for the entire machine which dissipates the heat effectively in all directions. The ventilation holes on rear and bottom panels maximize airflow and carry the heat away easily, ensuring heat transfer under a variety of different load conditions.



Optimized Hard Disk Installation

Hardware components are optimized to meet the demands for convenient and stable hard disk installation. With the 8 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.





PoE Switch Series

4-Port PoE Switch/8-Port PoE Switch



MS-S0204-EL

- 4*PoE Ports + 2*100Mbps Uplink Ports
- Max Capacity/Single Port: 65W/30W
- 1.6Gbps Switching Capacity



MS-S0208-EL/
MS-S0208-GL

- 8*PoE Ports + 2*100Mbps/2*1000Mbps Uplink Ports
- Max Capacity/Single Port: 120W/30W
- 2Gbps Switching Capacity

- IEEE 802.3af/at
- RJ45 Port Supports Auto MDI/MDIX
- Up to 250m on Extend Mode
- 4KV Surge Protection
- Exquisite Fanless Design
- Easy to Use



PoE Switch Series

16-Port PoE Switch/24-Port PoE Switch



MS-S0216-GL/
MS-S0416-GF

- 16*PoE Ports + 2*Gigabit Uplink Ports + 2*SFP Uplink Ports
- Max Capacity/ Single Port: 250W/30W
- 14.8Gbps Switching Capacity



MS-S0224-GL/
MS-S0424-GF

- 24*PoE Ports + 2*Gigabit Uplink Ports + 2*SFP Uplink Ports
- Max Capacity/ Single Port: 400W/30W
- 14.8Gbps Switching Capacity

- IEEE 802.3af/at
- RJ45 Port Supports Auto MDI/MDIX
- Up to 250m on Extend Mode
- SFP Uplink Port
- 4KV Surge Protection
- Exquisite Fanless Design
- Easy to Use

SOFTWARE



Being customer-oriented, Milesight is also dedicated to offering customers the best complementary video surveillance softwares such as VMS, CMS, Mobile APPs and Smart Tools, meeting various requirements from entry level to high end.

- Milesight Smart tools
- Milesight CMS
- Milesight VMS
- Milesight M-Sight Pro APP



MILESIGHT SMART TOOLS

Search · Configuration · Calculation

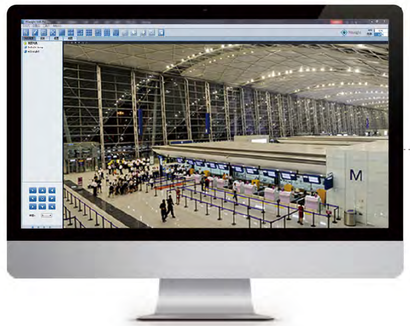
- Unified management for Network Cameras and NVRs
- Batch settings & upgrading for Milesight devices
- Automatic online upgrade
- Fast, comprehensive and powerful calculation



MILESIGHT CMS

Live View · Recording · Electronic Map

- MAC/Windows OS integrated
- Central management system
- Support Milesight Network Cameras and NVRs
- Add device via IP/Domain, P2P and Milesight DDNS
- Support 4 monitors (Up to 64-CH each monitor)
- Support up to 256 devices
- H.265/H.264 video compression
- Support alarm pop-up window
- Support motion detection, alarm recording and image capture
- Support the custom live view layout
- Support SD card and HDD recording files playback



MILESIGHT VMS

Live View · Recording · Electronic Map

- Client/Server architecture
- H.265/H.264 video compression
- Live view, playback and E-Map functions
- Up to 64 channels synchronous playing
- ONVIF complaint
- User-friendly UI design
- Abundant functions and linkage settings

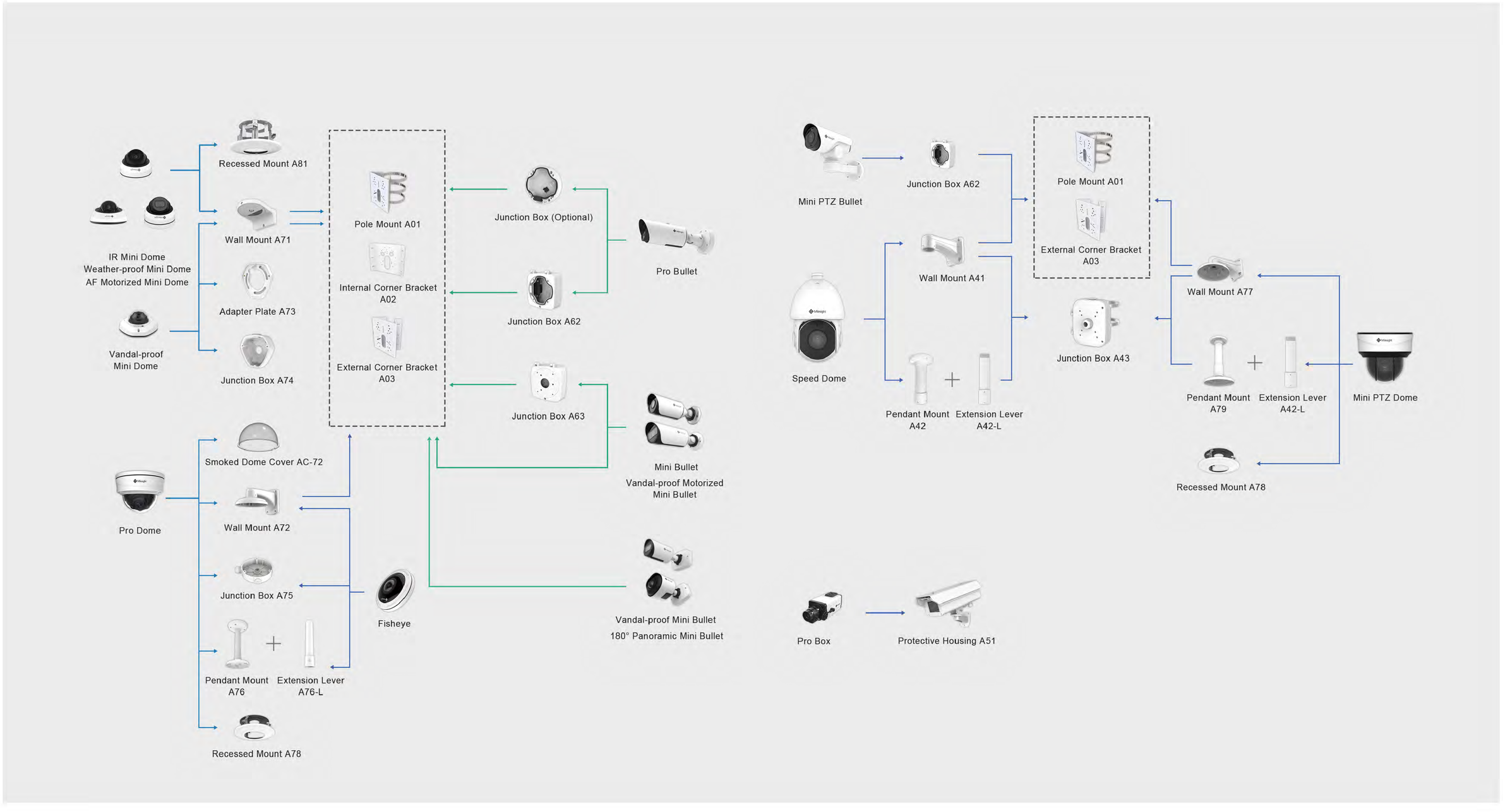


MILESIGHT M-SIGHT PRO APP

PTZ Control · File Management · Alarm Message Push Notification

- Simultaneously managing Milesight Network Cameras and NVRs
- Up to 64 channels synchronous playing
- Add device via IP/Domain, P2P and Milesight DDNS
- Customized stream parameters
- Support transcoding to get a better playback performance
- Support iOS and Android handheld devices
- Support image capture/video recording functions
- H.265/H.264 video compression
- Support Alarm Push function to get alarm message and video

ACCESSORIES MAP



▪ Better Inside, More in Sight ▪

V1.0

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