Milesight

PRODUCT INTRODUCTION

V4.3

2017

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- Product Roadmap

Network Camera

- Camera Center
- Features

NVR

- NVR Center
- Features

Milesight Solution

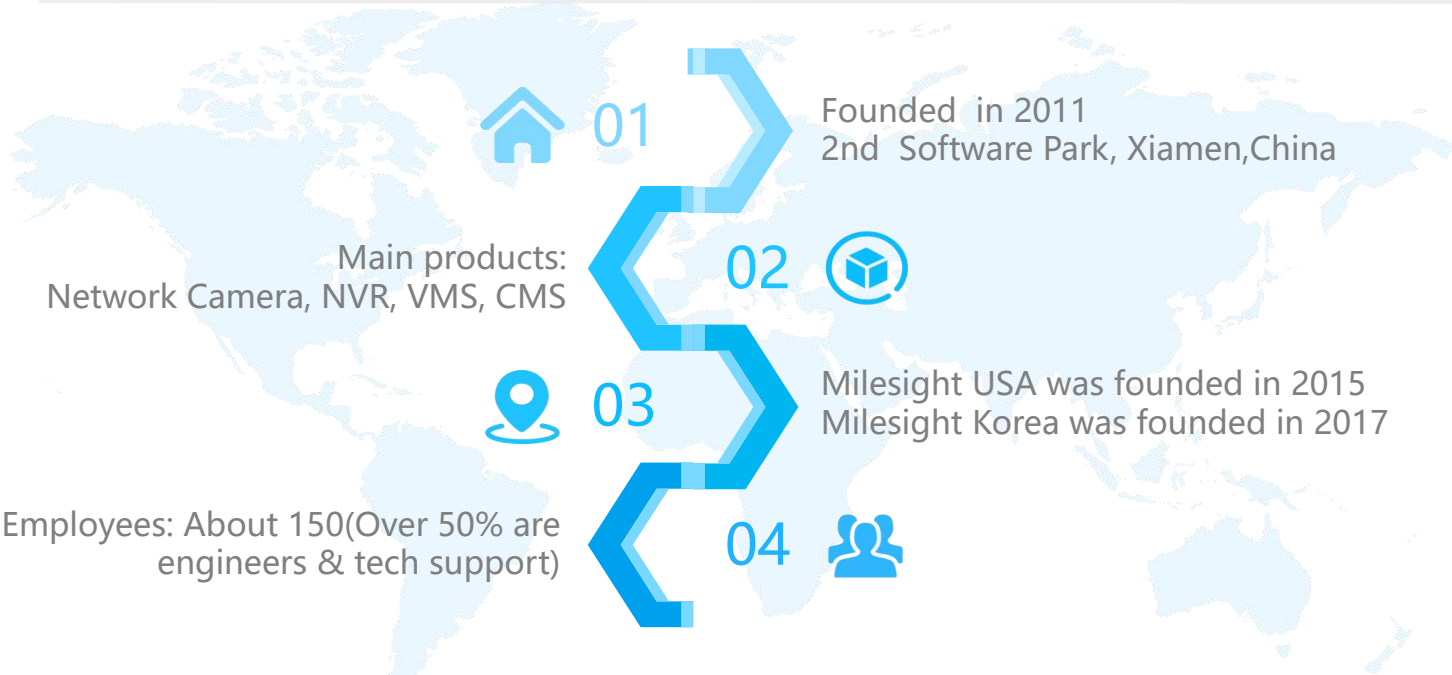
- Smart Tools
- CMS
- VMS Lite/ Pro
- APP

PART ONE

Milesight Introduction

- Milesight Introduction
- Product Roadmap

Milesight Introduction



Milesight is a professional high-tech enterprise specializing in the design and manufacture of best-in-class IP surveillance solutions.

Product Roadmap

NVR Series

Box NVR

4K Mini NVR

4K H.265 Pro NVR

4K H.265 PoE NVR

Keyboard

New Mini NVR

PTZ Series

Pro Bullet

Pro Dome

Software

Starlight

2MP/3MP
Super WDR

4MP

Higher Resolution

PTZ Series

New Product

Pro Series

5MP/4K/12MP Resolution
M-Sight Pro
New CMS
VCA Technology

H.264>>H.265

Mini Series

Vandal-Proof Mini Dome

Mini Bullet

Mini Dome Series

Mini Cube

Starlight

2MP/3MP
Super WDR

4MP

Higher Resolution

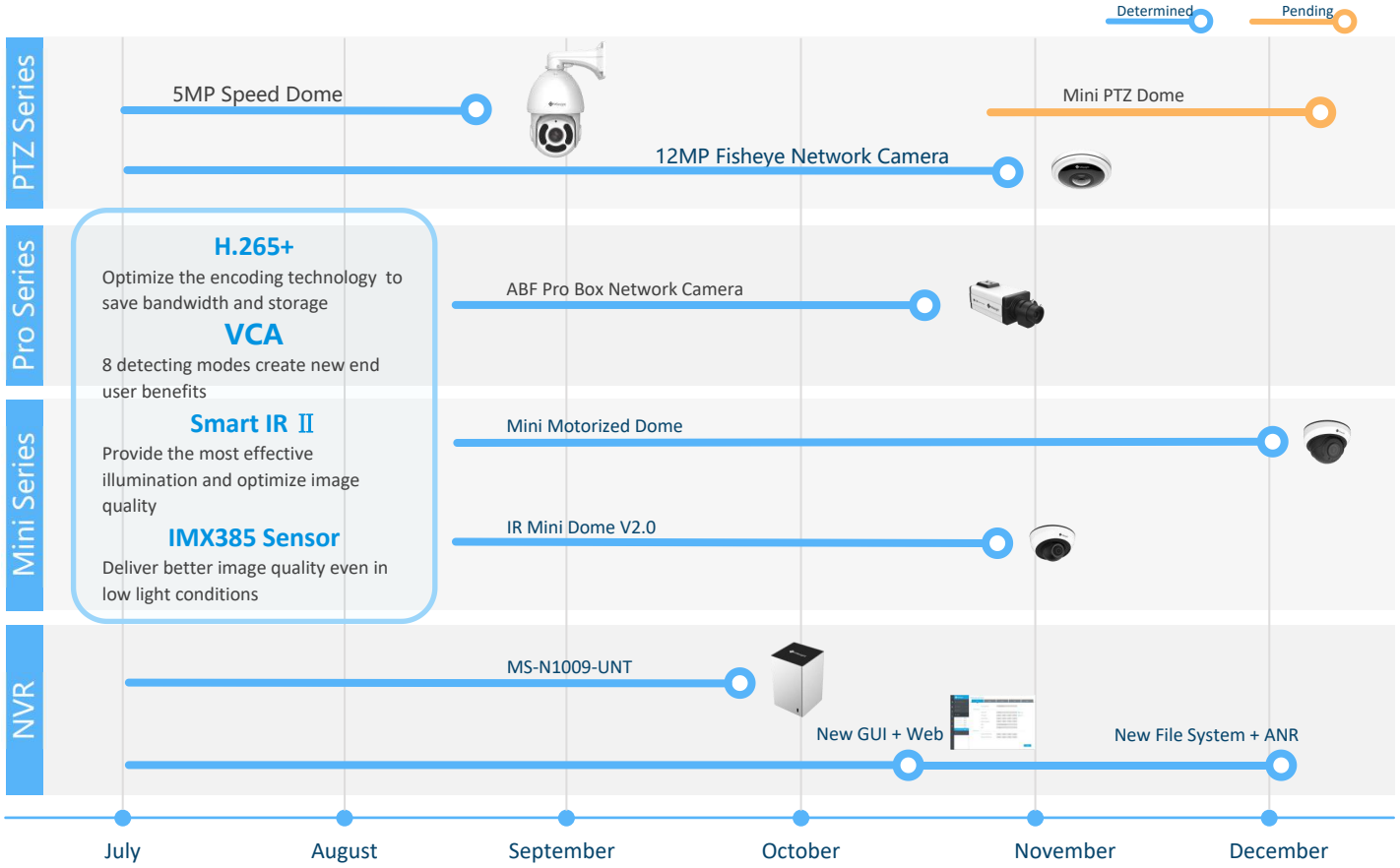
IR Mini Dome V2.0

Mini Motorized Dome

2MP/3MP → 4MP → 5MP/4K/12MP

2012-2015 | 2016 | 2017

Milesight Roadmap 2017



PART TWO

Network Camera

- Camera Center
- Features

Camera Center

Mini Series >>

Mini Dome　　IR Mini Dome　　Vandal-proof Mini Dome

IR Mini Dome V2.0　　Mini Motorized Dome

Mini Bullet & Mini Motorized Bullet

Pro Series >>

Pro Dome

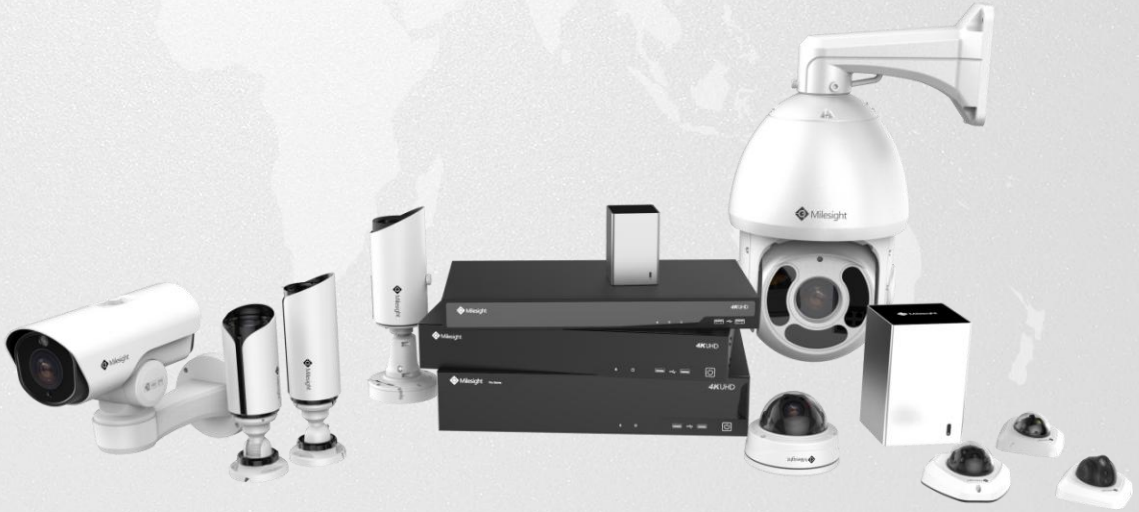
Pro Bullet

PTZ Series >>

Speed Dome

Mini (PoE) PTZ Bullet

Fisheye



Network Camera | Mini Dome Series-- 2/4/5MP

Mini Dome

IR Mini Dome

Exquisite Design

Cost Effective

Convenient Installation

Network Camera | Vandal-proof Mini Dome -- 2/4/5MP

Exquisite Design

IP67 & IK10

Improved Model

Wall Installation

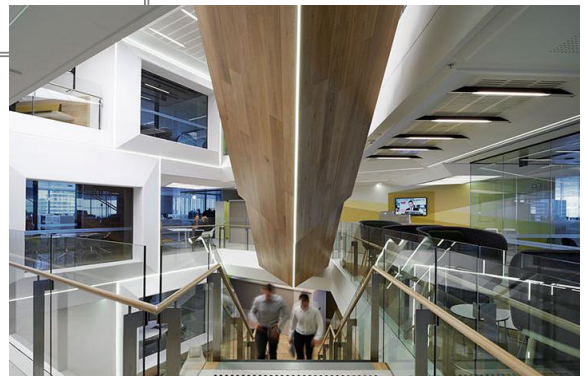
Ceiling Installation

Network Camera | IR Mini Dome V2.0 -- 2/5MP

- 3-Axis Mechanical Design
- Better IR performance
- Better Thermal Design
- Better audio performance with built-in Mic

Network Camera | Mini Motorized Dome -- 2/5MP

- 2.8~12mm Motorized Lens
- 3-Axis Mechanical Design
- Independent Smart IR Control
- Better audio performance with built-in Mic
- IP67 & IK10



Network Camera | Mini Bullet Series -- 2/3/4/5MP

- Fixed Lens & Motorized Lens
- Unique Sunshield Design
- 3-Axis Mechanical Design
- IP67 Waterproof

Network Camera | Pro Dome -- 2/3/4/5MP

IP67 & IK10

3-Axis Mechanical Design

Clamshell Design

Integrated Cable Management

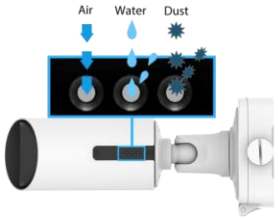
Network Camera | Pro Bullet -- 2/3/4/5/8MP

IP66

PTFE Membrane

Convenient Interface

Integrated Cable Management



360° Endless Pan, 90° Tilt, 30x Zoom Range

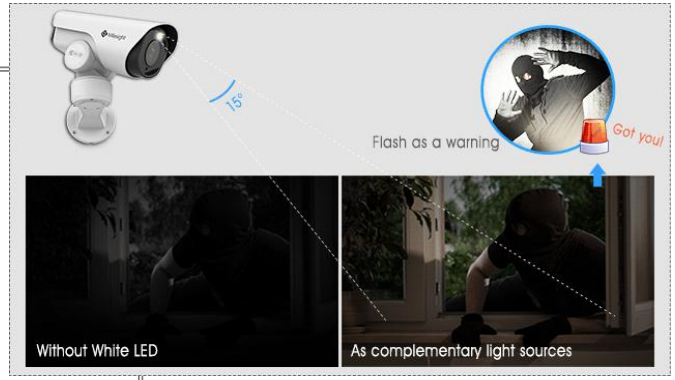
Smart PTZ Motion

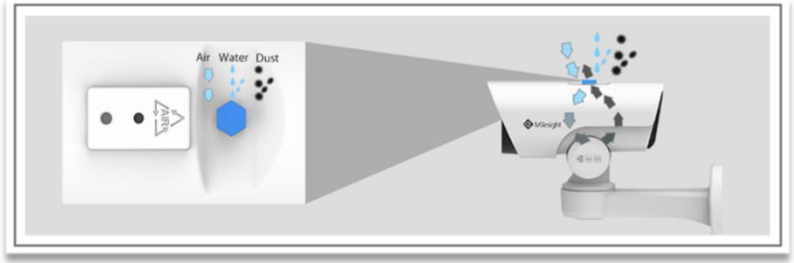
3D Positioning

Smart IR Ⅱ Technology

IP66

- Cost Effective
- 360° Endless Pan, 75° Tilt
- 12x Zoom Range
- Smart PTZ Motion
- 3D Positioning
- White LED & Smart IR Ⅱ Technology
- IP66



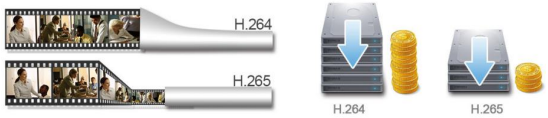


Network Camera | Fisheye -- 12MP

360° Panoramic View --to see more in detail

IK09 IP66 --better outdoor performance

12MP --up to 18fps@12MP



Alarm I/O --customized trigger/action

H.265 --50% more efficient than H.264

Built-in Microphone
External Audio Out --audible view

ONVIF | FULL MEMBER

Milesight is Fully Integrated with:

Milesight Onvif-compliant VMS Partners

aimetis a Senstar company
AVIGILON
digivod
exacq
HIKVISION
milestone
networkoptix
OnSSI
PELCO by Schneider Electric
QNAP
SALIENT SYSTEMS Simple Scalable Security
See Tec An OnSSI Company

Camera Features

- H.265
- Best-in-class Image Quality
- P-Iris
- Motorized/AF Lens
- SIP
- VCA

KEY FEATURE | H.265

H.265(HEVC)

Name	Date	Type	Size	Length
H265+2048kbps.avi	6/1/2016 10:15 AM	AVI File	3,870 KB	00:00:15

Input/Read		
Media data size	1273	KiB
Input bitrate	1803	kb/s
Demuxed data size	1251	KiB
Content bitrate	1789	kb/s
Discarded (corrupted)	0	
Dropped (discontinued)	0	

3870KB

7515KB

Storage

1803kbps

3914kbps

Input bitrate

H.264

Name	Date	Type	Size	Length
H264+4096kbps.avi	6/1/2016 10:10 AM	AVI File	7,515 KB	00:00:15

Input/Read		
Media data size	14802	KiB
Input bitrate	3914	kb/s
Demuxed data size	14785	KiB
Content bitrate	3007	kb/s
Discarded (corrupted)	0	
Dropped (discontinued)	0	

H.265, the next-generation video compression, is twice as efficient as H.264

KEY FEATURE | Best-in-class Image Quality

MS-C2962-FIPB

Smart Phone

Starlight Premium Series
>>making darkness visible

Super WDR (Wide Dynamic Range)
>>balancing darkness and brightness

WDR OFF

WDR ON

HLC OFF

HLC ON

HLC (High Light Compensation)
>>compensating for the area around strong light spots

KEY FEATURE | P-Iris

P-Iris OFF

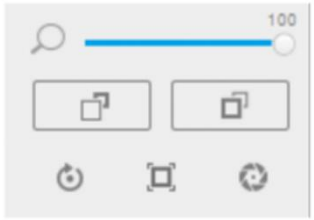
P-Iris ON

Stepping motor drive

Optimize some parts of lens

Deep depth of view

KEY FEATURE | Motorized/AF Lens



Remote Focus&Zoom Lens

>> focus automatically after zooming

- Mini Motorized Dome
- Mini Motorized Bullet
- Pro Dome
- Pro Bullet

Auto Focus Lens

>> maintain the clarity

- Speed Dome
- Mini PTZ Bullet

Milesight SIP

Milesight camera features industry leading SIP/VoIP for bidirectional audio/alarm/ intercom and video streaming to mobile phones and video phones.

KEY FEATURE | Video Content Analysis

Region Entrance

Region Exiting

Advanced Motion Detection

Tamper Detection

Line Crossing

Loitering

Human Detection

People Counting

Value-added function **C**aters for **A**ll your need

PART THREE

NVR

- NVR Center
- Features

NVR Center

Mini Series >>

4K H.265 Mini (PoE) NVR 1000 Series

Pro Series >>

4K H.265 Pro/PoE NVR 5000 Series

4K H.265 Pro/PoE NVR 7000 Series

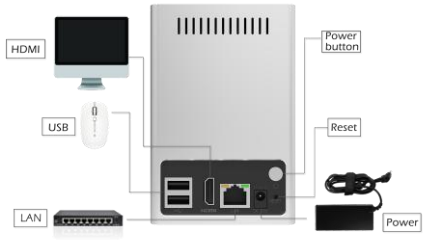
4K H.265 Pro NVR 8000 Series

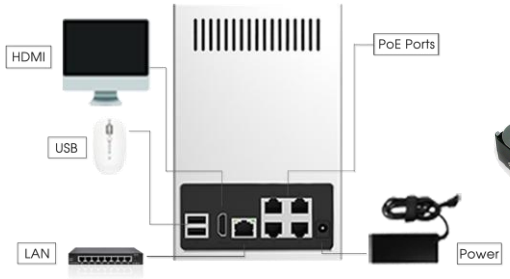
4K H.265 Mini (PoE) NVR 1000 Series | 9-CH

MS-N1009-UT

MS-N1009-UPT

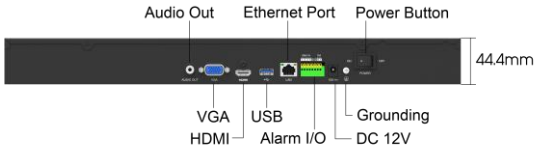
- 2 * 2TB (2.5'')
- Exquisite Design
- Silent & Noise Free
- Plug and Play
- 1 * 10TB (3.5'')



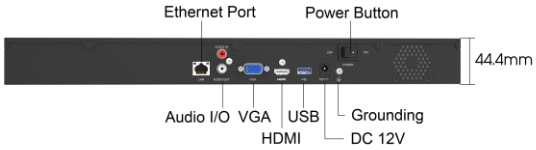


4K H.265 Pro/PoE NVR 5000 Series | 16/32-CH

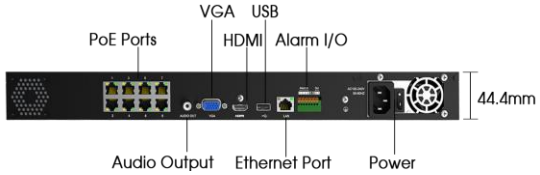
MS-N5016-UT



MS-N5032-UH



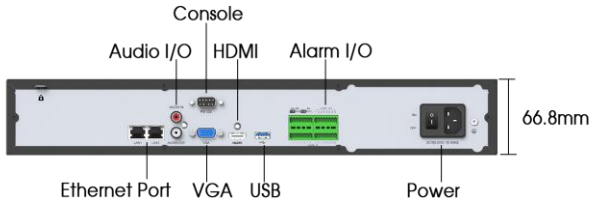
MS-N5016-UPT



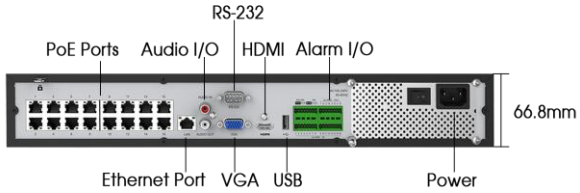
2 * 10TB (3.5'')

4K H.265 Pro/PoE NVR 7000 Series | 16/32-CH

MS-N7016/7032-UH



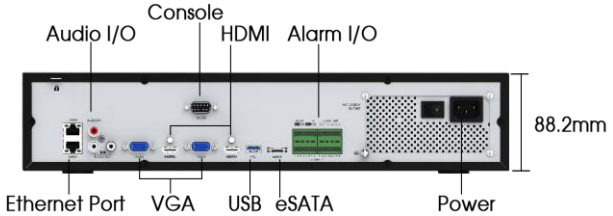
MS-N7032-UPH



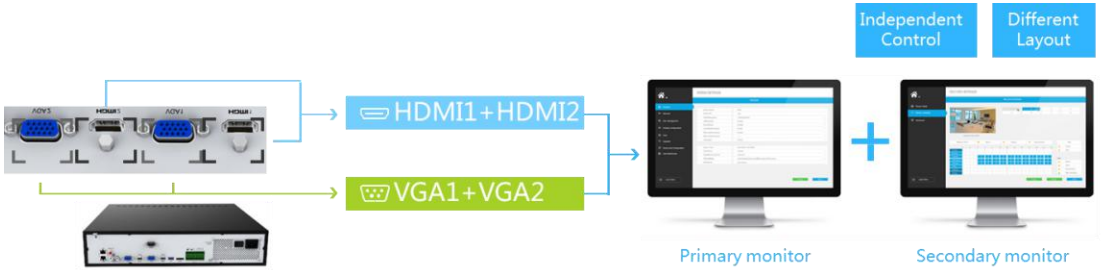
4 * 10TB (3.5'')

4K H.265 Pro NVR 8000 Series | 32/64-CH

MS-N8032/8064-UH



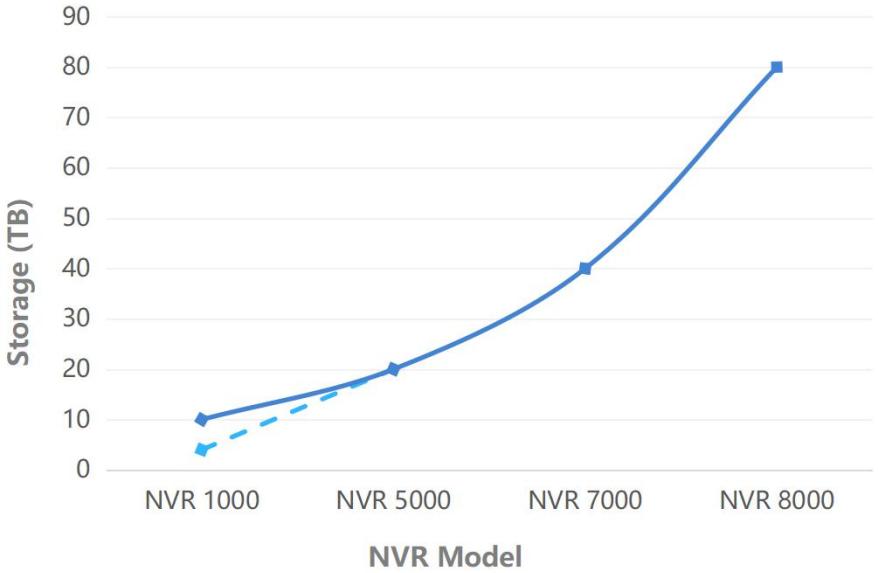
8 * 10TB (3.5'')



NVR Features

- Capacity
- 4K & H.265
- P2P
- RAID
- Network Mode
- General Functions

4K H.265 NVR Series

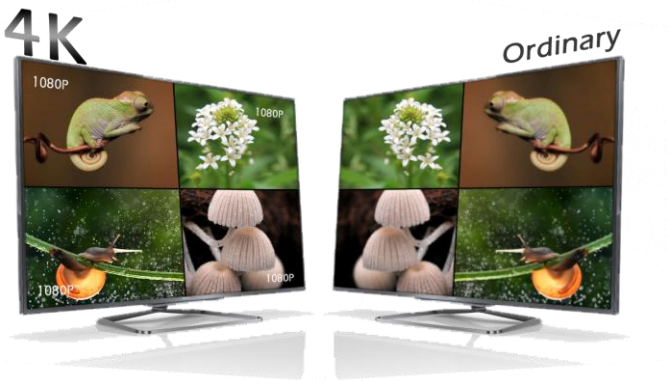


NVR	HDD	Total Storage
MS-N1009-UT	2*HDD(2.5'')	4TB
MS-N1009-UPT	1*HDD(3.5'')	10TB
MS-N5016-UT	2*HDD(3.5'')	20TB
MS-N5016-UPT		
MS-N5032-UH		
MS-N7016-UH	4*HDD(3.5'')	40TB
MS-N7032-UH		
MS-N7032-UPH		
MS-N8032-UH	8*HDD(3.5'')	80TB
MS-N8064-UH		

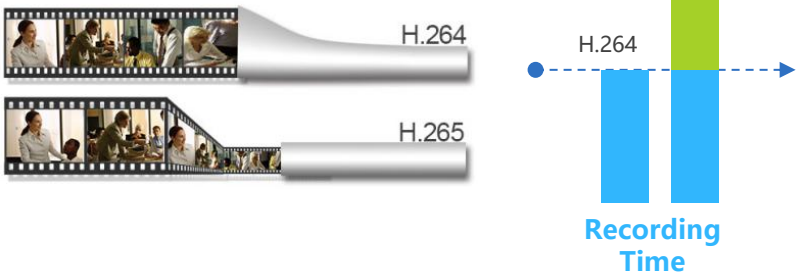
KEY FEATURE | 4K H.265 NVR Series | Capacity

Model	30fps@8MP	30fps@6MP	20fps@5MP	20fps@4MP	30fps@3MP	30fps@1080P	30fps@720P	30fps@D1
MS-N1009-UT	2-CH	2-CH	3-CH	4-CH	5-CH	8-CH	9-CH	9-CH
MS-N1009-UPT								
MS-N5016-UT	2-CH	2-CH	3-CH	4-CH	5-CH	8-CH	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-N5032-UH	4-CH	5-CH	6-CH	8-CH	10-CH	16-CH	32-CH	32-CH
MS-N7032-UH								
MS-N7032-UPH								
MS-N8032-UH								
MS-N8064-UH	4-CH	5-CH	6-CH	8-CH	10-CH	16-CH	32-CH	64-CH

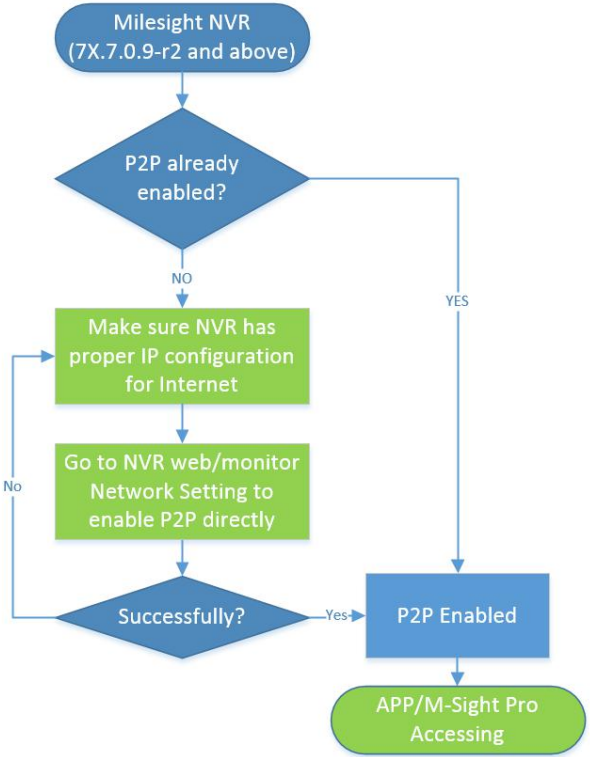
4K can get 4 times as clear as Full HD, it will make every detail visible and provide excellent user experience.

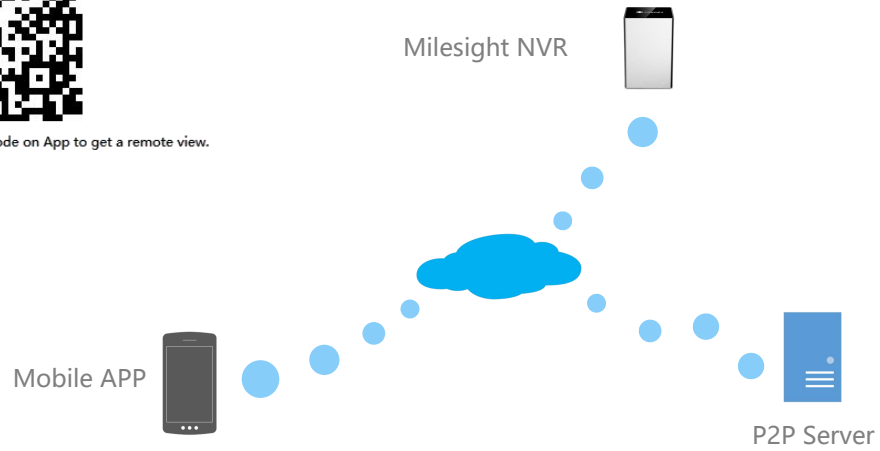


H.265 is up to 50% more efficient than H.264. More days of recording in the same space.

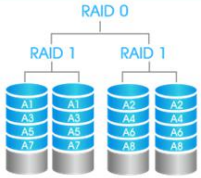


KEY FEATURE | 4K H.265 NVR Series | P2P





KEY FEATURE | 4K H.265 NVR Series | RAID

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

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

Three network working modes for dual LAN interfaces.
Applicable for 4K H.265 Pro NVR 7000 and 8000 Series.

Multi-address:

>> different IP addresses and work separately in LAN1 and LAN2

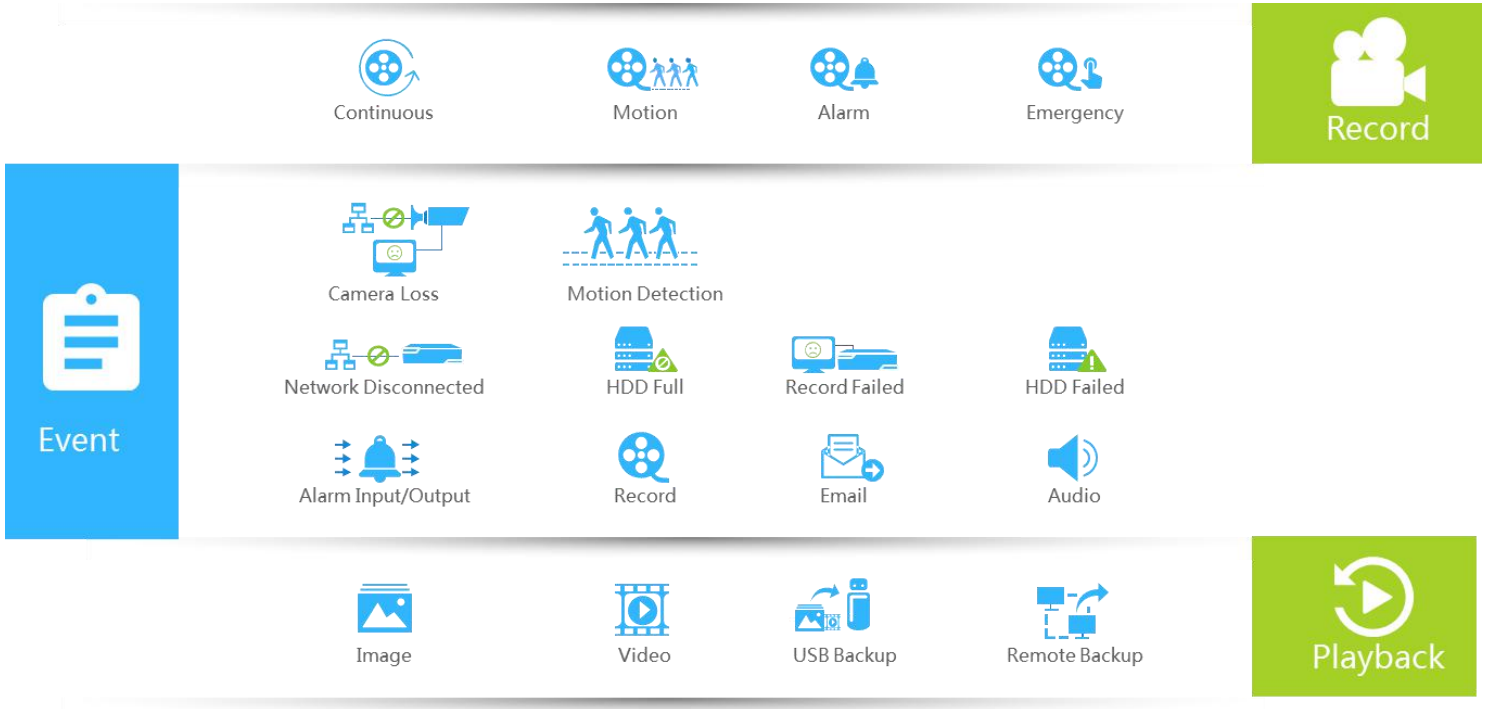
Load Balance:

>> share the bandwidth of the system to increase the throughput

Net Fault-tolerance:

>> backup in case that main interface is damaged

KEY FEATURE | 4K H.265 NVR Series | General Functions



Milesight 4K H.265 NVR Series support various functions to meet customers' personal needs.

PART FOUR

SOLUTION

- Smart Tools
- CMS
- VMS Lite/ Pro
- APP

Milesight Smart Tools

Multiple Devices· Various Functions· Image Settings

1. Support Camera and NVR
2. Support batch network settings
3. Support batch video parameters
4. Support batch firmware upgrading
5. Calculators

Milesight CMS

Center Control· Powerful Functions· Friendly GUI

1. Support up to 64 Milesight devices (including NVR and Camera)
2. Support up to 64 channels playing synchronously each screen
3. Support up to 4 screens for Live View, Alarm Monitor
4. Offer users a complete visual overview of the devices locations with interactive maps.

Milesight VMS

ONVIF Supported· Recording· Electronic Map

Lite For small solution(Up to 64-ch)

Pro For middle to large solution(C/S)

M-Sight Pro

Camera & NVR

Mobile APP

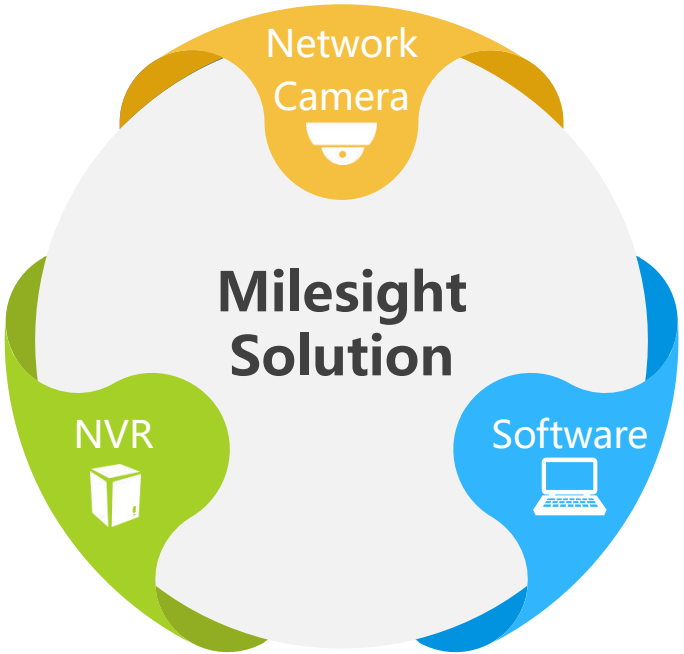
· Carry-on System
· Friendly Interface
· Alarm Push

M-Sight Pro, for both iOS and Android which allows users to login, view and control their network camera and NVR.

Milesight Solution

Professional high-tech enterprise specializing in the design and manufacture of best-in-class IP surveillance solutions.

1. Network Camera+VMS
   Based on PC solution
2. Network Camera+NVR+CMS
   Based on NVR solution



Milesight Product

Network Camera

Mini Dome
IR Mini Dome (V2.0)
Vandal-proof Mini Dome
Mini Motorized Dome

Mini Bullet
Mini Motorized Bullet

Pro Dome

Pro Bullet

Speed Dome
Fisheye

Mini (PoE) PTZ Bullet

Normal NVR

1000 5000 7000 8000

PoE NVR

1000 5000 7000

Software

Smart Tools

VMS >ONVIF Camera

CMS >Milesight Camera + NVR

M-Sight Pro

Milesight

Better Inside, More in Sight

Milesight Technology Co.,Ltd.
www.milesight.com