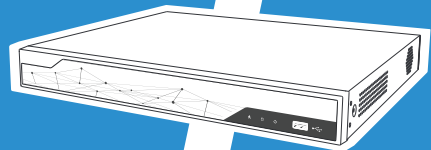




User Manual

QUICK START GUIDE

SE0216R-K
SE0232R-K



Milesight | *Make Sensing Matter*

 Milesight IoT Co., Ltd.  www.milesight.com/security

Limited Warranty Protection

36 months from original purchase date against all manufacturing defects.
This Warranty does not cover:

- Loss or damage to the equipment due to improper maintenance, or failure to follow operating instructions.
- If defects or damages are caused by the use of unauthorized parts or by service by other than our authorized agent.

Model:

Date of Purchase:

Serial Number:

MAC Address:

Dealer Stamp

For details, please visit our website:

www.milesight.com/security

Table of Contents

1.Package Contents.....	2
2.Hardware Introduction.....	2
3.Interfaces.....	3
4.Installation.....	4
5.OpenVision Server Software Wizard.....	10

1. Packing List



OpenVision Server
x1



Quick Start Guide
x1



2.5" HDD Screw &
Mounting Bracket Screw
x12



3.5" HDD Screw
x8



Mounting Bracket
x2



HDD Anti-Vibration Pad
x12



Ethernet Cable
x1



Terminal
x1

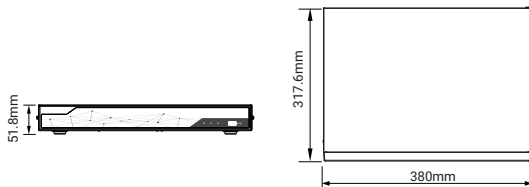


Power Cord
x1

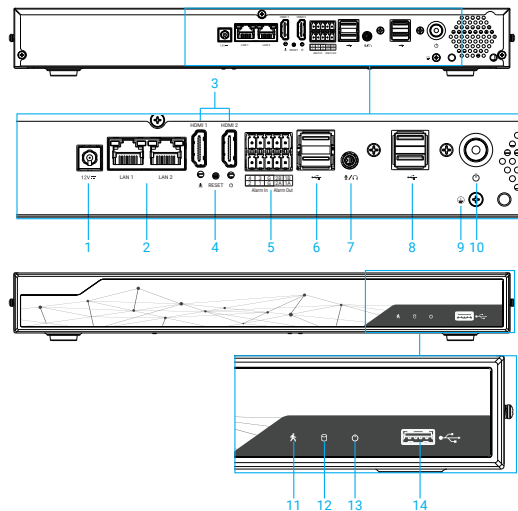


Power Adapter
x1

2. Hardware Introduction



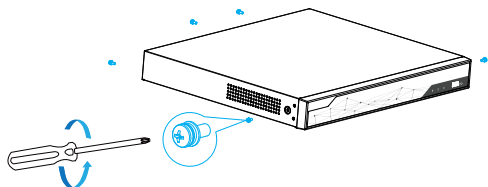
3. Interfaces



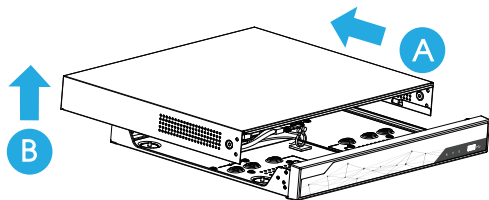
- | | | |
|----------------------|----------------------|----------------|
| 1. Power Port | 6. 2*USB3.0 | 11. Run LED |
| 2. 2*LAN Port | 7. Audio In/Out Port | 12. HDD LED |
| 3. 2*HDMI Port | 8. 2*USB3.0 | 13. Power LED |
| 4. Reset Button | 9. Grounding Screw | 14. 1* USB 2.0 |
| 5. Alarm IN/OUT Port | 10. Power Button | |

4. Installation

Step 1: Using a cross screwdriver to remove the screws at the rear panel and side panel in an anticlockwise direction.

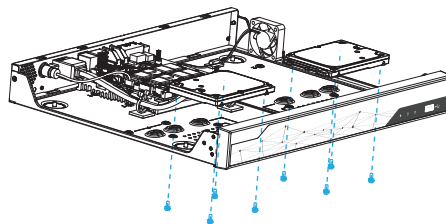
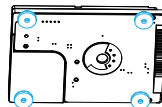


Step 2: Slide the upper casing to the rear first and lift it up.

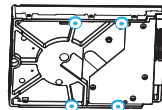


Step 3: Vibration damping pads **MUST** be applied to HDD mounting holes

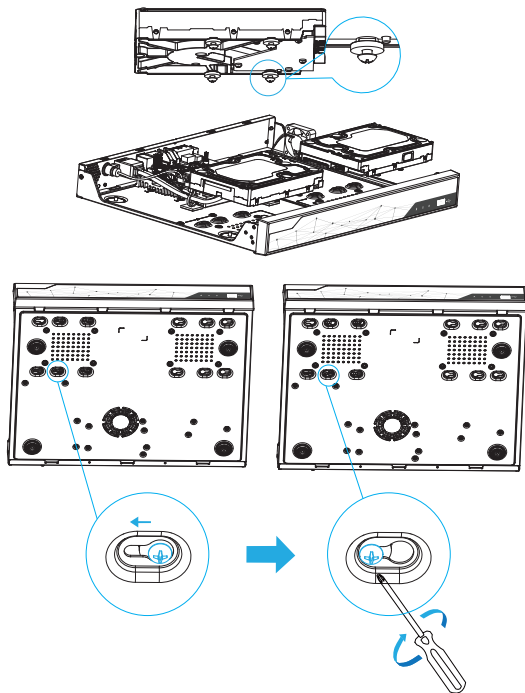
2.5-inch Hard Drive Installation Steps



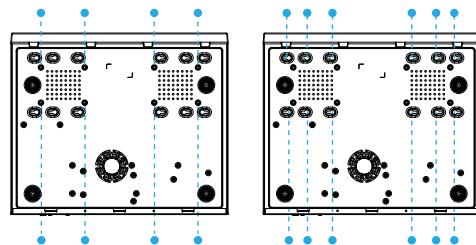
3.5-inch Hard Drive Installation



Pre-tighten screws — do NOT fully tighten



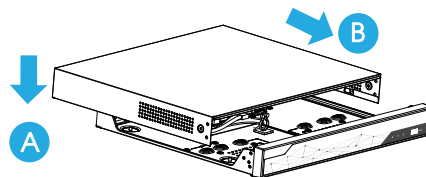
Step 4: After that, check if all the screws are tightened. Then connect the power cable and data cable to each HDD.



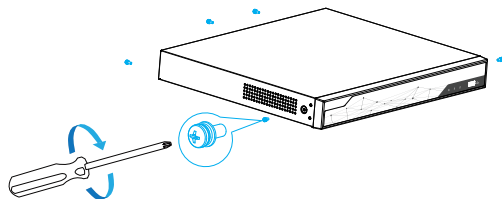
(Screw Position of 2.5" HDD)

(Screw Position of 3.5" HDD)

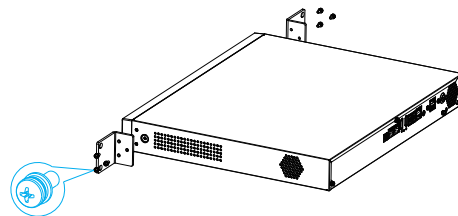
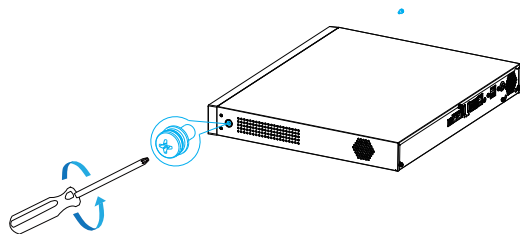
Step5: Pull down the upper casing and slide it to the front.



Step6: Lock the screws on the rear panel and side panel.



Step7: Install the ear mounts for rack-mounting in standard cabinets. Remove the two pre-installed screws on each side panel, then secure the ear mount brackets to both sides using three screws each.



5. OpenVision Server Software Wizard

Step 1: Install the HDD/SSD and power on the device.

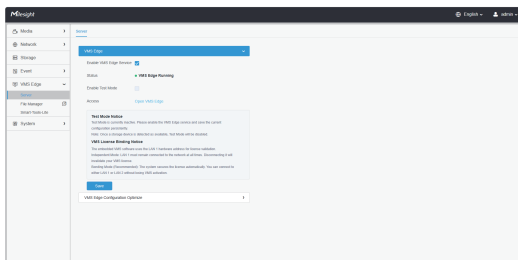
Note: If you do not have an HDD/SSD and want to test the system first, please refer to the "Test Mode (No HDD/SSD)" section below.

Step 2: Activate and configure the device.

1. Open Smart Tools and locate the device by its default IP address (eth0: 192.168.5.190, eth1: 192.168.6.190).
2. Select and activate the device, then modify its IP address.
3. Double-click to access the device web interface.
4. Format the HDD/SSD via the Storage section of the Web interface before proceeding.

Step 3: Activate the NX Server.

On the device's web interface, click the VMS Edge section to verify whether the status shows "VMS Edge Running". Then, click "Open VMS Edge" button to access the NX Server web page. Next, create a new system, and complete the initialization of the NX Server.



Step 4: Connect to the NX Server.

Open the NX Witness Client on your computer and log in using the device's current IP address to connect to the server.

Get Started with Nx Witness

Please configure the server first.
Choose an option.

Setup New System

or

Add to Existing System

(if Nx Witness has been already setup)

Note:

Users can also change the default system password in the device's web interface, then connect the device to a monitor and log into the Ubuntu system using the new password. Open the NX Witness Client and connect to the server using the default IP address (127.0.0.1:7001) to complete the creation and activation of the server.

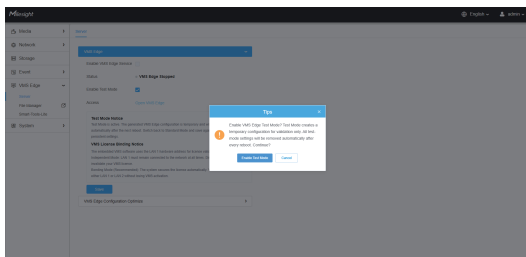
Test Mode (No HDD/SSD)

For users who want to test the system without installing an HDD/SSD:

Step 1-Test: PPower on the device without installing an HDD/SSD.

Step 2-Test: Activate and configure the device.

1. Open Smart Tools and locate the device by its default IP address (eth0: 192.168.5.190, eth1: 192.168.6.190).
2. Select and activate the device, then modify its IP address.
3. Double-click to access the device web interface.
4. In the VMS Edge section, enable Test Mode and confirm the warning dialog.



Step 3-Test: Activate the NX Server in Test Mode.

In the VMS Edge section, verify that Test Mode is active. Configure and save the VMS Edge settings (temporary configuration). Then, click "Open VMS Edge" button to access the NX Server web page. Next, create a new system, and complete the initialization of the NX Server.

Important Notes:

- Test Mode creates temporary configuration that will be automatically cleared after every reboot.
- Test Mode will be automatically disabled once an HDD/SSD is installed and formatted.
- To make your configuration persistent, install an HDD/SSD, switch back to Standard Mode, save the settings, and reboot the device.

Step 4-Test: Connect to the NX Server.

Open the NX Witness Client on your computer and log in using the device's current IP address to connect to the server.