### How to Upgrade Firmware for NVR

### 1. Choose Firmware

📀 Milesight

Series	Firmware	Applicable Model	URL				
	71.X.0.X	MS-N50XX-UH MS-N70XX-UH MS-N70XX-UPH MS-N80XX-UH					
4K Series	72.X.0.X	MS-N1009-UNT MS-N1009-UPT MS-N50XX-UT MS-N50XX-UPT	http://www.milesight.com/support/download.asp				
	73.X.0.X	MS-N1004-UC MS-N1004-UPC					
	61.7.0.7-r5	MS-N1009-UT	https://drive.google.com/open?id=0B8u2Oc2-fG-mc0dCR3p aYzNKMGs				
	30.7.0.7	MS-N5009/5016	https://drive.google.com/open?id=0B3OW8hozx4jWT182aX BfMGxGUGs				
Previous Versions	31.7.0.7	MS-N1004/1008	https://drive.google.com/open?id=0B3OW8hozx4jWd2FhTm k0cWJmNFk				
	2.7.0.7	MS-N5004/5008	https://drive.google.com/open?id=0B3OW8hozx4jWY3ImOF <u>8takNQWnc</u>				
	1.7.0.7-r3	MS-N7016/8016/8032	https://drive.google.com/open?id=0B8u2Oc2-fG-md0pwOFJ MM3V4X2c				

#### Note:

- The second number of firmware stands for major version number, while the last two number means the minor version number. Take 71.7.0.5 for example, it means that the NVR's major version is 7 and it's minor version is 5.
- 2) You can use monitor to upgrade your NVR, or you can upgrade it via browser. If click the link to get the upgrade firmware failed, please copy the link to browser and open again.
- If the firmware of your MS-N1009-UT begins with 61.X.X.X, or the SN begins with 12xxxxxxxx, then use the 61.X.X.X.

If your MS-M1009-UT firmware begins with 71.X.X.X, or the SN begins with 13xxxxxxxx, then use the 72.X.X.X.

# 2. Steps for Monitor

Step1: Enter upgrade menu by clicking "Main Menu" $\rightarrow$ "System Settings" $\rightarrow$ "Upgrade".		
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	System Settings				CPU 27%
☆.			System Upgrade		
General	Device Name	USB FLASH DRIVE		•	Refresh
Contract	Name	Size	Туре	Date Modified	
Network			Folder	1 Jan 1970 08:00:00 24 Jul 2018 19:30:12	
Disk Management					
Holiday					
User					
Upgrade					
Save/Load Configuration					
Maintenance	Reset settings to factory default(Exce	pt IP Address)			
Auto Reboot					
Live View				lipozote	Back
				- upgrade	DUCK

**Step2:** Search for the device you downloaded in your USB, and select the file.

	System Settings				CPU 27% Marrory 10%
☆.			System Upgrade		
	Device Name	USB FLASH DRIVE			▼ Refresh
General	Name	Size	Туре	Date Modified	
Network	MSFImage_72.8.0.6	76.2 MB	Folder 6 File	24 Jul 2018 19:11:20 4 Jul 2018 06:31:42	
Disk Management	MsHmoge_/2.8.0.6-ri	73.1 MB	6-11 File	21 JUI 2018 02:34:44	
Holiday					
User					
Upgrade					
Save/Load Configuration					
Maintenance	Reset settings to factory defo	ault(Except IP Address)			
Auto Reboot					
E Live View					

**Step3:** Click "Upgrade" button to confirm the upgrade.



Syste	m Settings				CPU 27%			
A.	System Upgrade							
Device t	lame	USB FLASH DRIVE		•	Refresh			
Name		Size	Туре	Date Modified				
Network			Folder	24 Jul 2018 19:11:20				
MSPin	lage_72.8.0.6	76.2 MB	6 File	4 Jul 2018 06:31:42				
Disk Management	lage_72.8.0.6-r1	75.1 MB	6-r1 File	21 Jul 2018 02:34:44				
Holiday		Information						
User		Note: The system will auto reboot 2 time about 10 mins. Please do not turn off th system running. Any power interruption could cause damage to the system. Co	s, it will last for a system unfil the during this time ninue?					
Upgrade		Yes Cancel						
Save/Load Configuration			14					
Maintenance	settings to factory default(Except	IP Address)						
Auto Reboot								
Live View				Upgrade	Back			

### Note:

The system will be automatically rebooted after being confirmed upgrade.

### 3. Steps for WEB

**Step1:** "Settings"→"System"→"Maintenance".

Step2: Click "Browse" and find the position where you downloaded

#### Note:

Remember to check the model, use the corresponding firmware for your model





**Step3:** After choosing the corresponding firmware, click "Upgrade" button to confirm the upgrade.

0	M http://192.168.7.101/html/index.html	- C   Seerch ♪ -   命会 @ ●
Settings	X D	
	Milesight     Local Configuration	Maintenance Log Retention Period
	Camera	Photo Retention Period 6 Months 2
	Record	Show
rayuarx	Event	
⋇	System	Rebot
Settings	General Settings	Reboot the device Reboot
*	Network	Set Default Message from wethnose X
Status	Disk Management	Paset satisfies to farlow defailt Evrant IP Addess) Confinition provide 2
	Holiday	
Logs	User	Import Configuration File
Logout	Maintenance	Configuration File 2
		Export Configuration File
		Backup
		System Upgrade
		Firmware Ct/takepath/MSFirmage 72.8.0.6 Browse
		Reset settings to factory default (Except IP Address)
		Upgrade
		Note: The upgrading phones will take 5-10 minutes, please don't disconnect power of the device during the process. The device will reboot automatically after upgrading.

#### Note:

The system will be automatically rebooted after being confirmed upgrade.



## 4. Steps for Smart Tools

**Step1:**Use Milesight Smart Tools to search out this NVR according to its MAC address.

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	NVR Tool	S Netwo	rk Sett		Upgrade	Stati	is OEM		A ms1234	
	Device Name	MAC	TP 🔺	Port	Netmask	Gateway	Model	Version	Run-up Time	
<b>1</b>	NVR	1C:C3:16:0A:27:12	192.168.7.101	80	255.255.240.0	192.168.7.1	MS-N1009-UPT	72.8.0.6-r1	2018-07-24 13:05:47	0
		1								
	XX.XX.XX.XX	•				<b>•</b> F	Restore after upgrad	ding 🧿 Up	grade 🕕 Reboot	Reset
File Path:				_				- e	Browse 🛃 Firmw	vare Online

Step2:Click "Browse" and find the position where you downloaded

	😰 Open Firmware File			×	¢ –	
	← → → ↑ 📙 > This PC > TOSHIBA (G:) > NVR > Frameware	ע פֿ Se	earch Frameware	Q	admin mc1224	
	Organize 🔻 New folder				2712	
No. De	Documents ^ Name	Date modified	Туре	Size	Run-up Time	
• 1	Music MSFImage_72.8.0.6-r1	7/3/2018 10:31 PM 7/20/2018 6:34 PM	6 File 6-R1 File	78,046 K <b>01</b> 76,894 K	18-07-24 13:05:47	0
	Videos					
	Local Disk (E:) SVN (F:)					
	TOSHIBA (G:)			<b>,</b>		
	File name: MSFImage_72.8.0.6		All Files(*.*) Open	Cancel .if		
1/1 (XX.)	XX.XX.XX V	🗍 Rest	ore after upgradir	ig 🅑 Upgrade	e 🕕 Reboot	) Reset
File Path:	e e e e e e e e e e e e e e e e e e e	_	_	🕒 🕒 Bro	owse 🛓 Firmwa	are Online
Operating Info	rmation		/			
					) Save 🛞 Cle	

**Step3:** After choosing the corresponding firmware, click "Upgrade" button to confirm the upgrade.



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		NVR Tools				Upgrade		15 OEM		ms1234 Q 2712	
	No.	Device Name	MAC	IP 🔺	Port	Netmask	Gateway	Model	Version	Run-up Time	
•	1	NVR	1C:C3:16:0A:27:12	192.168.7.101	80	255.255.240.0	192.168.7.1	MS-N1009-UPT	72.8.0.6-r1	2018-07-24 13:05:47	0
		XX XX XX XX XX	7	Upgrade	Confir	m the upgrade fo	or the selected	X devices? Cancel	iing 🔊 U	ngrade (11) Reboot	<b>3</b> Reset
Elle	Path:	G:/NVR/Framew	are/MSEImage 72.8	0.6	_					Browse +) Firmu	are Online
			,						e		

### Note:

You can also use Smart Tools to download the latest firmware.

"NVR Tools" - "Upgrade" - "Firmware Online"

2	0				<) –					& −	
		NVR Tool	S Netwo	rk Seti		Upgrade	Statu	is OEM		G ms1234 Q 2712	
	No.	Device Name	MAC	IP 🔺	Port	Netmask	Gateway	Model	Version	Run-up Time	
•	1	NVR	1C:C3:16:0A:27:12	192.168.7.101	80	255.255.240.0	192.168.7.1	MS-N1009-UPT	72.8.0.6-r1	2018-07-24 13:05:47	0
1/1	×	XXXXXXXX	•					Restore after upgrad	ding 🥥 Up	ograde 🕕 Reboot	Reset
File I	Path: 🚺				_				e	🛚 Browse 上 Firm	ware Online
Ope	rating Ir	nformation									
										💾) Save 🙁) C	

The link for Smart Tools:

http://www.milesight.com/DownloadFile/Software/Smart\_Tools/Milesight\_Smart Tools\_Setup.zip

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