# How to Upgrade Firmware for IP Camera

### 1. Choose Firmware

Series	Firmware	Applicable Model	URL
	10.5.0.110-r11	MS-C2XXX-XX	https://drive.google.com/file/d/0B3OW8hozx4jWaXBkSDNGMX J5V1k/view?usp=sharing
H.264	20.5.0.110-r11	MS-C3XXX-XX	https://drive.google.com/file/d/0B3OW8hozx4jWdEZTRXZJMU Y4b1U/view?usp=sharing
	30.7.0.63-r20	MS-CXXXX-XXA	https://drive.google.com/open?id=1oyPBRAyH4iMAKuZ26cImj1 pmlgBIYcTx
	40.7.0.XX/ 41.7.0.XX	MS-CXXXX-XXB	http://www.milesight.com/support/download.asp
	42.7.0.67-r1	MS-C8262-F(I)PB/ MS-C9674-PB	https://drive.google.com/open?id=1p5RMxUuUbMTmBkKWoTT sxKvUZlQ72a
H.265	43.7.0.XX	MS-C81XX-XX/ MS-C82XX-XX/ MS-CXXXX-(Q)(T)(R)(H)XX/ MS-CXX74-PB/ MS-CXX65-PB	http://www.milesight.com/support/download.asp

#### Note:

- Firmwares 10.5.0.110-r11 and 20.5.0.110-r11 are separately used for cameras MS-C2XXX and MS-3XXX which are without -A or -B in the model names, such as MS-C2182-P and MS-C3366-FPN;
- Firmware 30.7.0.63-r20 is used for cameras with -A in the model names including MS-C2XXX-A and MS-3XXX-A, such as MS-C2182-PA and MS-C3366-FPNA;
- 3) Firmware 40.7.0.XX is used for cameras which use the firmware that the prefix of version number is 40 or 41;
- 4) Firmware 42.7.0.XX is used for cameras which use the firmware that the prefix of version number is 42 (For earlier MS-C8262-F(I)PB and MS-C9674-PB);
- 5) Firmware 43.7.0.XX is used for cameras which use the firmware that the prefix of version number is 43 (For MS-C8262-F(I)PB and MS-C9674-PB );
- 6) If failed to get the upgrade firmware by clicking the link directly , please copy the link to browser manually;

7) To ensure that the firmware is fully available, the downloaded file will be a compressed package. Please manually extract it before importing to the File Path.

### 2. Key Steps after Downloading the Firmware

If the firmware you downloaded is 30.7.0.XX or 4X.7.0.XX, you can skip this part and directly go to <u>3.Upgrade Steps</u>, otherwise please read below steps carefully.

**Step1:** If the current firmware version of your camera is above XX.5.0.85, like 10.5.0.89 or 20.5.0.90, you can go to 3.Upgrade Steps and upgrade your camera directly;

**Step2:** If the current firmware version of your camera is below XX.5.0.85, like 10.5.0.73 or 20.5.0.80, you should change the name of the firmware you downloaded according to the table below;

Model	Firmware
MS-C26XX	11. X. X. XX
MS-C23XX	12. X. X. XX
MS-C21XX	15. X. X. XX
MS-C36XX	21. X. X. XX
MS-C33XX	22. X. X. XX
MS-C32XX	26. X. X. XX
MS-C35XX	27. X. X. XX

### Take MS-C2651-PM for example:

**Step1:** According to the table above, it matches with MS-C2XXX, so we should download MSFImage\_10.5.0.110\_896a6b5b first.

### Step2:

- Suppose that the firmware version of this camera is XX.5.0.87 before upgrading, we can directly upgrade it according to 3.Upgrade Steps;
- 2) Suppose that the firmware version of this camera is XX.5.0.79, we should change the name of the firmware we downloaded. According to Table2, MS-C2651-PM



belongs to model MS-C26XX and matches with 11.X.X.XX. So we need to change MSFImage\_10.5.0.110-r11\_2e653e10 into MSFImage\_11.5.0.110-r11\_2e653e10

## 3. Upgrade Steps

Please check each model with right firmware version as mentioned above , then upgrade the firmware according to the following steps:

**Step1:** Go to the web of IP Camera, click "Configuration" -> "Maintenance" -> "Upgrade Firmware"

Milesi	ight Network Can	nera			💄 admin 🕞 Logout
<b></b>	Milesight	Maintenance			
	Live Video	System Maintenance Auto Reboot			
	Playback		System Upgrade		
			Hardware Version:	V1.1	
	Local Settings		Software Version:	40.7.0.66	
ø	Basic Settings		Firmware File:	Browse	
	Video		Reset after Upgrading:		
	Image		, u	ipgrade	
	Network		Note: Do not disconnect the por	wer of the device during the upgrade.	
	Date & Time		Maintenance		
o <sup>o</sup>	Advanced Settings		Reboot the Device:	Reboot	
	System		Reset Settings to Factory Default Meep the IP Configuration	Reset	
0	Maintenance		Export Config File:	Export	
			Import Config File:	Browse	
				Upload	

**Step2:** Browse and select files for the upgrade.

**Step3:** Click the "Upgrade" button and a progress bar will pop up, wait for about 1-3 minutes until it reaches 100%. After that, the system will reboot, and the firmware upgrade successfully.

Milesight Network Camera			
Opera	ing, Please	Wait	
5%			

**Step4:** Use Milesight Smart Tools to search out this camera according to its MAC address, and then change its IP into your local IP address. (The IP address will be kept after



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upgrading if the firmware versions are after XX.4.0.52).

You can also use Smart Tools to download the latest firmware. "IPC Tools"-"Upgrade"-"Firmware Online"

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	3	PC Tools		ork Setting			Upgrade			Q Search here	
	No.	Device Name	MAC	IP	Port	Netmask	Gateway	Model	Version 🔺	Run-up Time	
6	125	Network Camera	1C:C3:16:23:98:04	192.168.4.143	80	255.255.240.0	192.168.4.2	MS-C2961-EB	40.7.0.66	2018-07-23 13:25:26	0
r	126	Network Camera	1C:C3:16:23:17:FD	192.168.40.171	80	255.255.240.0	192.168.40.1	MS-C2973-PB	40.7.0.66	2018-07-14 16:20:26	0
C	127	Network Camera	1C:C3:16:21:0D:C9	192.168.40.101	80	255.255.240.0	192.168.40.1	MS-C2973-PB	40.7.0.66	2018-07-14 16:20:57	0
C	128	Network Camera	1C:C3:16:21:01:76	192.168.40.107	80	255.255.240.0	192.168.40.1	MS-C2963-FIPB	40.7.0.66	2018-07-14 16:20:37	0
6	129	Network Camera	1C:C3:16:23:A8:A6	192.168.40.120	80	255.255.240.0	192.168.40.1	MS-C2963-FIPB	40.7.0.66	2018-07-14 16:20:33	0
r	130	Network Camera	1C:C3:16:21:0D:CD	192.168.40.111	80	255.255.252.0	192.168.40.1	MS-C4473-PB	40.7.0.66	2018-07-14 16:21:00	0
n	131	Network Camera	1C:C3:16:21:04:58	192.168.40.124	80	255.255.240.0	192.168.40.1	MS-C4473-PB	40.7.0.66	2018-07-14 16:21:01	0
C	132	Network Camera	1C:C3:16:21:04:4F	192.168.9.171	80	255.255.252.0	192.168.8.2	MS-C2973-PB	40.7.0.63-msf	2018-07-18 09:49:36	0
0	133	Network Camera	1C:C3:16:21:9F:2E	192.168.128.135	80	255.255.252.0	192.168 <mark>.</mark> 12	MS-C2963-PB	40.7.0.63-r14	2018-04-03 10:05:40	0
r	134	Network Camera	1C:C3:16:21:9B:9B	192.168.128.142	80	255.255.252.0	192.168.12	MS-C2963-FPB	40.7.0.63-r14	2018-04-03 10:07:20	0
C	135	Network Camera	1C:C3:16:21:9F:58	192.168.128.141	80	255.255.252.0	192.168.12	MS-C2963-PB	40.7.0.63-r14	2018-04-03 10:06:33	0
1/34	4)	XX.XX.XX.XX					主 Upl	oad config file 🤇	D Reboot	🕑 Reset 🕒 Keep the	
	Path:		_	_	-	_			) Browse 上)	Firmware Online	Upgrad
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Ope	rating	Information									
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### The link for Smart Tools:

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

### Notes:

- If the current firmware version of the camera is below 10.5.0.73 and 20.5.0.73, like 10.5.0.68 or 20.4.0.51, please reboot the camera and restore it into factory settings via web before upgrading.
- 2) For the new version, you may need to re-install the ActiveX. During the installation, please close the browser, otherwise the ActiveX may not be installed correctly.
- 3) Please clear the cookies first after re-installing the new ActiveX(Press Shift+Ctrl+Delete to quick call the clear cookies windows).