

IVSEC Firmware Update – NC323XC, NC531XA & NC528XB

Prerequisites:

- Laptop / PC with internet connection (to download the firmware)
- Monitor and mouse connected to the NVR
- USB flash drive (formatted with FAT32)
- Download required firmware (refer to page 2 of this document)

NOTE: Installing the incorrect firmware can cause your camera to fail. Once the Camera has been upgraded to the latest firmware version you will be able to perform future camera updates using online IPC upgrade or via the VMS application.

1. Check the silver sticker on the camera housing. Confirm the model number.



If camera is already installed, you can check the camera model number in "Channel" – "IP Channels" – "Device type" column

Setup Channel	Record Alarr	m Al Netwo	rk Device	System								(b) 16/12/2021	1 12:53:04	×
Channel	IP Channels	POE Power												
0 Live		dit IP Address/E	Iomain Port		er Device Ty	pe MAC Address	Software							
Image Control														
• PTZ														
Video Cover														
Motion														
© PIR														
Ø Deterrence														
		CONTR.												
		Add	Add All						ŀ :					
	Channel	Switch Mode 🗸	POE Mode 🗸	Edit	State	IP Address/Domain	Subnet Mask	Port I	lanufacturer	Device Type	Protocol	MAC Address	Software V	ersic
		Auto	Auto				255.255.0.0	6000	IVSEC	NC110XB	Private	58-E8-76-06-00-82	V18.25.6.0_3	2009
	POE CH2	Auto	Auto			10.10.25.152	255.255.0.0	6000	IVSEC	NC110XB	Private	58-E8-76-06-01-22	V18.25.6.0_3	2009
		Auto	Auto			10.10.25.153	255.255.0.0	6000	IVSEC	NC110XB	Private	58-E8-76-06-01-2C	V18.25.6.0_	2009
	POE CH4	Auto	Auto			10.10.25.154	255.255.0.0	6000	IVSEC	NC110XB	Private	58-E8-76-06-00-5F	V18.25.6.0_3	2009
	POE CH5	Auto	Auto											
	POE CH6	Auto	Auto											
		Auto	Auto											
	POE CH8	Auto	Auto											



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Setup Channel	Record Alarm Al Netw	rork Device System				06/10/2021 14:55:19	X
🔶 General	Upgrade Load Default F	teboot IPC Parameter Mana	igement				
♦ Multi-User		Channel IP A	ddress State	Software Version	Upgrade		
Maintenance		IP CH1 10.10	0.25.151 On-line	V18.25.6.0_200925			
		IP CH2 10.10	0.25.152 On-line	V18.25.6.0_200904			
		IP CH3 10.10	0.25.153 On-line	V18.25.6.0_200925			
Information		IP CH4 10.10	0.25.154 On-line	V18.25.6.0_200904			
					IPC Upgrade		
	Select File				IPC Upgrade		
	Auto Upgrade	Disable					
	Check For updates						
	Detect	Upgrade					
						Apply	

- 3. <u>Click here</u> to download NC323XC firmware files
- 4. Extract files from zip and copy the folder "NC323XC_NC528XB_NC531XA_V12.45.7.1_211225" to USB flash drive
- 5. Connect USB device to your recorder
- Important: Check the software version (as inspected in step 2) to the NC323XC Upgrade
 Stepping Process to determine which firmware file to use from the USB flash drive:

NC323XC Upgrade Stepping Process:

If Firmware:	> Then Upgrade To:> Then Upgrade to:
V12.45.6.0_200904	> V12.45.7.0_210301> V12.45.7.1_211225
V12.45.6.0_200925	> V12.45.7.0_210301> V12.45.7.1_211225
V12.45.6.0_201114	> V12.45.7.0_210301> V12.45.7.1_211225
V12.45.6.0_201119	> V12.45.7.0_210301> V12.45.7.1_211225
V12.45.7.0_210420	> V12.45.7.1_211225
V12.45.7.1_210623	> V12.45.7.1_211225

Note: If installed version is before V12.45.7.0_210301, please upgrade transition firmware first. Transition firmware V12.45.7.0_210301 is included in the firmware file of V12.45.7.0_210420 and V12.45.7.1_210623

V12.45.7.0_210301 = NC323XC_F128M_SF_ENU_IVSEC_V12.45.7.0_210301_9092_W.sw V12.45.7.1_211225 = NC323XC_F128M_SF_ENU_IVSEC_V12.45.7.1_211225_10358_W.sw



If your NC323XC cameras are currently running software version V12.45.6.0_200904, V12.45.6.0_200925, V12.45.6.0_201114 or V12.45.6.0_201119 (or skip to step 8 if you are running on a later version) Then go to System – IP Camera Maintain – Upgrade – Tick the camera you want to upgrade – Click Select File – Browse to the USB firmware file and select firmware file:

NC323XC_F128M_SF_ENU_IVSEC_V12.45.7.0_210301_9092_W.sw and click OK Click IPC Upgrade

Setup Channel	l Record	Alarm /	Al Network Device	System				O 6/10
	3 Upgr	ade Load D	efault Reboot IPC Par	ameter Management				
♦ Multi-User			Channel	IP Address	State	Software Version	Upgrade	
Maintenance			IP CH1	10.10.25.151	On-line	V18.25.6.0_200925		
IP Camera Maintain			IP CH2	10.10.25.152	On-line	V18.25.6.0_200904		
IP Camera Maintain	2		IP CH3	10.10.25.153	On-line	V18.25.6.0_200925		
Information			IP CH4	10.10.25.154	On-line	V18.25.6.0_200904		
		Select File	-			A >	IPC Upgra	^{de} 6
		k	-5					

You will be prompted to enter your recorder password for authentication Wait approx. 3 minutes for FW to update

- Once cameras restart and comes back online repeat step 7 but choose firmware file NC323XC_F128M_SF_ENU_IVSEC_V12.45.7.1_211225_10358_W.sw
- 9. Once cameras restart and come back online verify **V12.45.7.1_211225** is now listed as the camera software version and default the cameras to confirm all settings take effect.

System – IP Camera Maintain – Load Default – Tick Cameras, Click "Load Default". You will be required to enter your NVR password for authentication

🞯 Setup	Channel	Record Alarm Al	Network Device	System 1			(b) 16/12/2021 15:10:51	\times
General		Upgrade Load Defa	ult Reboot IPC Para	ameter Management				
Multi-User			Channel	IP Address	State	Software Version		
Maintenance			CH1	10.10.25.151	On-line	V18.25.7.1_211129		
		☑ 4	CH2	10.10.25.152	On-line	V18.25.7.1_211129		
IP Camera Mainta	in 2		CH3	10.10.25.153	On-line	V18.25.7.1_211129		
Information								
			_					
		Load Default	5					

10. For any future camera firmware updates, you will be able to perform an online update by Click system – IP Camera Maintain – Tick the camera and click Detect. If a new firmware version is available a popup message will appear



Setup	Channel	Record Alarm Al	Network De	evice System	1			19/10/2021 15:58:23	3 X
General		Upgrade Load Defa	ult Reboot IPC	Parameter Manage	ment				
Multi-User			Channel	IP Address	State	Software Version	Upgrade		
Maintenance			IP CH2	192.168.25.42	On-line	V12.45.7.1_210623			
🛛 IP Camera Maintain	2	3							
Information									
		Select File				< ►			
		Auto Upgrade	Disab	le 🗸					
	~	Check For u	updates						
	\exists	> 4 Detect		Upgrade					
								Арр	уk

If you require additional support, please email <u>service@ivsecurity.com.au</u> with your NVR model, serial number, a brief description of the issue and your contact details.