Upgrading Bosch AutoDome Camera Firmware to NTCIP FDOT District Five



1) Launch Internet Explorer and type the IP address for the AutoDome in the Address bar and click Go. Internet Explorer opens the Livepage view for the IP AutoDome.



2) Click the SETTINGS link, located at the top of the page

3) Click the Service link in the left pane.



4) Click the Maintenance link below the Service link



5) Verify the camera firmware is correct. The correct version for SunGuide compatibility is 5.73. This can be verified at Settings/Advanced/Service/Maintenance/Check Version

AutoDome 800 HD	LIVEPAGE > SETTINGS	💽 🕞 BOSCH
Basic Mode	http://10.9.106.126/uploadhistory.htm	_
Advanced Mode General Web Interface Camera Recording Alarm Alarm Interfaces	Time Version Status 01/07/2017 14/07:18 5.73 B 52 OK 01/07/2017 14/07:18 5.73 B 52 OK 01/07/2017 10/12/2000 00:01:27 5.73 B 40 OK Show Show	
Network Service Maintenance Licenses System Overview	Load From . Save As. Upload Save As.	

6) To upgrade the firmware to the current version, obtain the firmware from Bosch Security Website: (<u>http://resource.boschsecurity.us/software/</u>). A firmware update contains one file (typically a .fw file) and updates the communications module inside the AutoDome.

- 7) Save file to a desired file folder on PC.
- 8) To upload the firmware file, use the following procedure: From the Bosch Maintenance dialog box, click the Search button next to the Firmware Upload field; then browse to the directory that contains the firmware file.

	LIVEPAGE > SETTINGS	
Basic Mode	Maintenance	
• Advanced Mode	Firmware Search	Upload
▶ General	Select a firmware file to upload	
• Web Interface		
• Encoder		vnload
▶ Camera	Czech Language	pload
▶ Recording	Hecent Russian Language	vnload
Alarm	In I I I I I I I I I I I I I I I I I I	
Network	Desktop vCA_app.g4i	
▼ Service		
Maintenance	My Documents	
Licenses		
System Status	MuCorrouter	
Version Information		
	My Network File name: ".fw:".g4i.".img	Open
	Places Files of type: All Files (".")	Cancel

9) Select the appropriate firmware update file and click Open.

	LIVEPAGE > SETTINGS	🛛 🕢 BOSCI
Basic Mode	Maintenance	
* Advanced Mode	Firmware Search	Upload
General	Select a firmware file to upload	2 2
▶ Web Interface	Look in 📴 Boot	sload
• Encoder	CBootApp.G4i	mload
Camera	Becent Becent	bload
Recording		micad
Alarm	Hel Deriver	
Network		
Service		
Maintenance	My Documents	
System Status		
Version Information	My Computer	
	My Network File name: SCBoolApp G4i	Open
	Files of type: All Files (*.*)	Cancel

10) Click the Upload button.

11) Click OK to the warning message to continue the firmware upload, or Cancel to stop the upload.

CAUTION! Updating the firmware erases all device settings. To save these settings, click the Configuration download button to save the current device settings and then upload this file after the completion of the firmware update.



12) The page displays a progress bar as the firmware is uploaded.

Maintenance			
Firmware	C:\myDocuments\VG4 Software\SP	Search	Upload
Progress	10%	Uploading 'Czech_Lang	_1.01.00.02.G4i'
Configuration		Search	Upload
			Download
SSL certificate		Search	Upload
Download logfile			Download

CAUTION! Do not perform any action, click any object in, or minimize the Internet Explorer browser window during the firmware upload.

13) Once the progress bar reaches 100% the system opens the reset page. Allow the reset page to complete its action.

	LIVEPAGE > SETTINGS	🕒 🖨 BOSCH
 Basic Mode Advanced Mode General Web Interface Encoder Camera Recording Alarm Network Service Maintenance Licenses System Status Version Information 	going to reset Reconnecting in <mark>46 seconds</mark>	

- 14) Once the reset is complete, the upgrade is complete.
- 15) To properly upgrade the firmware to be NTCIP compliant, the NTCIP module must be activated. To activate this feature, the technician will need to obtain the installation code from the dome. This can be located at: Settings/Advanced/Service/Maintenance/Licenses

Installation code	337d96310200002200075f722ada0700000000000 Set
Activation key	
Installed licenses	<u>_</u>
elp on this page?	

16) Send the install code from dome to Bosch website. (<u>https://activation.boschsecurity.com/</u>)

17) The vendor and/or reseller will provide you with an activation code. For example, **4202 9952 4583 2343**

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	Invent	ted for life		BOSCH
Homepage			∢ Bo	osch Security Syster
Bosch Security Systems Software License Manager	License Act	tivation:		Not logged
Login	Authorization Number.	4202 9952 4583	2343	
	License Type Number: Description: Quantity:	MVS-FNTCIP NTCIP license fo	or domes	
	Product Family: Activations Allowed / Complete:	IVMD VCA LICE	NCE	
	If the above information is correct, pleas	e provide the follo	owing inform	mation.
	Installat	tion Code: 822c1	c000000	000000b0
	Install	ation Site: SR40	AT Willia	amson
		Comment FDOT	1	×
	Optional data is not required to complete your a Optional Data	activation.		
	Data Field 1(e.g. Customer Number):]
	Data Field 2(e.g. Contract Number):]
	Data Field 3(e.g. Customer Name):]
	Data Field 4(e.g. Reference Number):]
	Data Field 5(e.g. Customer email address):]
• Top of page	Data Field 5(e.g. Customer email address)	it		

18) Enter the install code from dome to Bosch website. Only fill in the fields as required. The website will prove an activation code, then hit Submit.

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	Invented for life	BOSCH			
Homepage	∢ Boso	h Security System			
Bosch Security Systems		Not logged			
Software License Manager	License Activation:				
Login					
	Authorization Number: 4202 9952 4583 2343				
	Installation Code: 33d9 100c 0500 005a 0004 635b 822c 1c00 0000 0d00 0000				
	License Type Number: MVS-FNTCIP				
	Description: NTCIP license for domes				
	Quantity: 1				
	Product Family: IVMD VCA LICENCE				
	Activations Allowed / Complete: 1/1				
	Installation Site: SR40 AT Williamson				
	Comment: FDOT				
	Thank you for activating your license. Your activation key for this licens 01-01.40.01-0CFFB3E6-8EAB2DA4-6691AFC3-86DA3FAA-518882	e is: 8E			
	Email Activation Key				

19) Copy the activation code from the webpage and submit. Enter the number into the dome activation box. This can be located at: Settings/Advanced/Service/Maintenance/Licenses) and press the set button. The dome will process the activation code and then NTCIP will be displayed under installed license.

AutoDome 80	O HD	PAGE • SETTINGS	0	BOSCH
AutoDome 80	Licenses C Avail activation Installation code: Activation Nay Installed Cicenses Help on this page?	PAGE SETTINGS		USCH

20) Reset the dome back to factory defaults. This will allow the NTCIP feature to be useable.

21) Finally, notify the RTMC of the upgrade and have the operator operate the camera.