Summary: Updating the firmware in the AVIOTEC IP Starlight 8000 camera

Application Note:

Firmware Update

Date: 07/30/2019

Product: FCS-8000-VFD-B

Software

Unit Configuration	Via web browser or Configuration Manager
Firmware Update	Remotely programmable
Software viewer	Web browser, Bosch Video Client, third party software

General information:

If you want to upgrade the FW of the AVIOTEC IP Starlight 8000 please note the following:

A direct update from FW version 6.40 to 7.50. is not possible! To be able to upload the newest FW version you need to perform the update to 6.50., 6.51. then 6.61. to be able to download the 7.50. into AVIOTEC.

Finding Bosch cameras in the network and changing IP address

To find Bosch cameras in a network, the IP Helper tool is recommended.

(https://downloadstore.boschsecurity.com/index.php)



It is a small executable for Windows where you can find cameras in the network, independent from their IP address and the IP address of your computer. With this tool, you can also change the IP address of the camera.

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Name Type Current IP N □ 192.168.0.104 Image: AVIOTEC: ce exchange 192.168.0.104	v IP Network Settings Method Start IP End IP Subnet Gateway DNS Server Details	Manual 192 168 192 168 255 255 255 255 10 19 10 19 10 19 129 32

Firmware Update

The easiest way of updating the cameras is a parallel update.

This can be done with the Configuration Manager of the Bosch Video Client.

If you have only one camera to update or you do not want to use the configuration manager, the update can be done via the Internet Explorer as well.

Update via Internet Explorer

Open the Internet Explorer on your computer.

Insert the IP address of the AVIOTEC and open the AVIOTEC page.



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Open the configuration page by choosing the configuration tab.

If your laptop has an internet connection, check for the newest FW by click on the "Check" button.

If you do not have an internet connection, browse for the FW file:

Choose File to Upload			X d Search
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Then click on "Upload" and the FW download will start.

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System Overview	•								

After the full download, the camera will reset and restart.



At the system overview at the configuration tab, you can recheck if the AVIOTEC has the new FW:



Update via Bosch Video Client

The Bosch Video Client is a freeware for Windows

(https://downloadstore.boschsecurity.com/index.php)

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		Firmw	are Software	Apps Notes	5
Platform	Video 	Client (BVC) Reference	✓ Sele Checksum	ect Release note	
BVC	1.7.6	BVC_1.7.6.079.zip [177 MB]	SHA1 SHA256	Ð	

After installation, start the configuration manager.

The tool starts with the tab "Devices" and searches for Bosch cameras:

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Select the cameras and right-click. Select "File-Upload" and "Firmware".

An explorer window opens where you have to select the firmware file you want to upload.

	1		✓ Ö Sear	ch Firmware_Download	Ą	
▼ New folder						
Dutlook Files ^ Name	Date modified	Туре	Size			
AP CPP6_H.264_7.50.00xx_Aviotec_only.fw	11.07.2019 17:26	FW File	29.331 KB			
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File name: CPP6 H.264 7.50.00xx Aviotec only.fw			~ Firm	nware file (*.bin:*.32x:*.fv	w:*.i ~	
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The camera overview opens. Click on "start" to update all cameras in parallel:

You will see that the current version shown is NOT the most updated firmware.

ntiguration Manager

IP-Adresse	MAC-Adresse	Тур	Name	Aktuelle Version	Status	Fortschritt	
192.168.0.104	00-07-5F-84-8E-5D	AVIOTEC IP starlight 80	192.168.0.104	6.61.0025	0% ausgeführt		
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						Starton	Sobli

🔌 Status Firmware	e-Upload, Datei CPP6_H.264_7	7.50.00xx_Aviotec_only.fw				_		×
IP-Adresse	MAC-Adresse	Тур	Name	Aktuelle Version	Status	Fortschritt		
192.168.0.104	00-07-5F-84-8E-5D	AVIOTEC IP starlight 80	192.168.0.104	6.61.0025	54% ausgeführt			
0 fertig, 0 gescheite	rt, 1 anstehend					Starten	Abbre	chen

Once completed you will see the new firmware version.

P-Adresse	MAC-Adresse	Тур	Name	Aktuelle Version	Status	Fortschritt
92.168.0.104	00-07-5F-84-8E-5D	AVIOTEC IP starlight 80	192.168.0.104	7.50.	Verfügbar	

The cameras will be updated and restart after the update.