iPolar Firmware Upgrade Instruction

April 2023

The purpose of this iOptron iPolar firmware upgrade is to improve the device connectivity. If your iPolar is working perfectly, you may skip the process and keep using the iPolar and iPolar software.

If the iPolar firmware IS upgraded, ONLY iPolar software V2.72 and later versions will support the iPolar.

This firmware upgrade WILL NOT work for an iPolar from first batch (V1 1901280001).

The iPolar firmware upgrade package consists of three parts:

- 1. Firmware Upgrade Utility;
- 2. Two firmware for iPolar V2 and V3;
- 3. This instruction.

To upgrade the iPolar firmware:

- 1. Download iPolar Firmware Upgrade package form following link:
- https://www.ioptron.com/v/Firmware/iPolar FirmwareUpgrade 230415.zip
- 2. Unzip it.
- 3. Connect the iPolar/mount to the computer. Run iPolar iGuider Upgrade Utility.exe.

Name	Date modified	Туре	Size
🕙 Camera.dll	2/6/2021 8:13 PM	Application extension	284 KB
🔑 iPolar Firmware Upgrade Instruction.pdf	4/24/2023 10:57 AM	Adobe Acrobat Docu	691 KB
鵗 iPolar iGuider Upgrade Utility.exe	8/3/2020 2:58 AM	Application	3,249 KB
iPolar_V2_2023_0413_0002.SRC	4/18/2023 4:51 PM	SRC File	64 KB
iPolar_V3_2023_0329_0003.SRC	4/18/2023 4:51 PM	SRC File	128 KB
🕼 vcredist_x86 2013 12.0.40664 Final.exe	4/18/2023 5:20 PM	Application	6,358 KB

If it can't be opened or displays an error message, please run vcredit_x86 2013 12.0.40664 Final.exe

4. The utility will display the current iPolar firmware version. If you have both iGuider and iPolar connected, please make sure that the iPolar is selected:

🖂 MultiBurnAP	\times
No tasks are running	
iOptron iPolar, :2331455, 5287RiPolar2007220002 iOptron iPolar, 12331455, 5287RiPolar2007220002 iOptron iGuider, 01301466, 5287RiGuider2007210001	~
FW Browse FW Version Start	

5. Click on **FW Browse**. Select firmware iPolar_V3_XXXX first.

Name	Date modified	Туре
iPolar_V2_2023_0413_0002.SRC	4/18/2023 4:51 PM	SRC File
iPolar_V3_2023_0329_0003.SRC	4/18/2023 4:51 PM	SRC File

If an error message "Failed to load firmware!" window pops up,

🖂 MultiBurnAP		×
iOptron iPolar, 12	No tasks are running iPolar iGuider Upgrade Utility Close Failed to load firmware!	~
FW Browse	ОК Start	

Click OK. Then choose firmware iPolar_V2_XXXX:

Name	Date modified	Туре
iPolar_V2_2023_0413_0002.SRC	4/18/2023 4:51 PM	SRC File
iPolar_V3_2023_0329_0003.SRC	4/18/2023 4:51 PM	SRC File

If there is still an error message, the iPolar is V1 and the firmware can't be upgraded.

Click on Start to start upgrading.

NOTE: Please do not disconnect the cable or turn off the power. The device may be bricked and have to be sent back to the factory for firmware reinstallation.

🚓 MultiBurnAP	\times
Please click the start button	
iOptron iPolar, 12331455, 5287RiPolar2007220002	~
r\Firmware\iPolar iGuider Firmware Upgrade\iPolar_V2_2023_0413_0002.Si	R¢
FW Browse FW Version Start	

🖂 MultiBurnAP	\times
Updating	
iOptron iPolar, 12331455, 5287RiPolar2007220002	~
r\Firmware\iDolar iGuider Firmware Ingrade\iDolar \/2, 2023, 0413, 0002 SD	-
	-
FW Browse FW Version	
Start	

6. Wait until the software prompt "Update is complete and the device will restart".

MultiBurnAP		×
	Update successed	
iOptron iPola r\Firmware\i	USB Update Tool X Update is complete and the device will restart	
FW Browse	OK	

- 7. Click OK to complete the upgrade.
- 8. Please make sure to download the latest iPolar.exe software after the firmware upgrade.