



YUNEEC H520 VSM USER GUIDE

DESKTOP APPLICATION VERSION 3.3

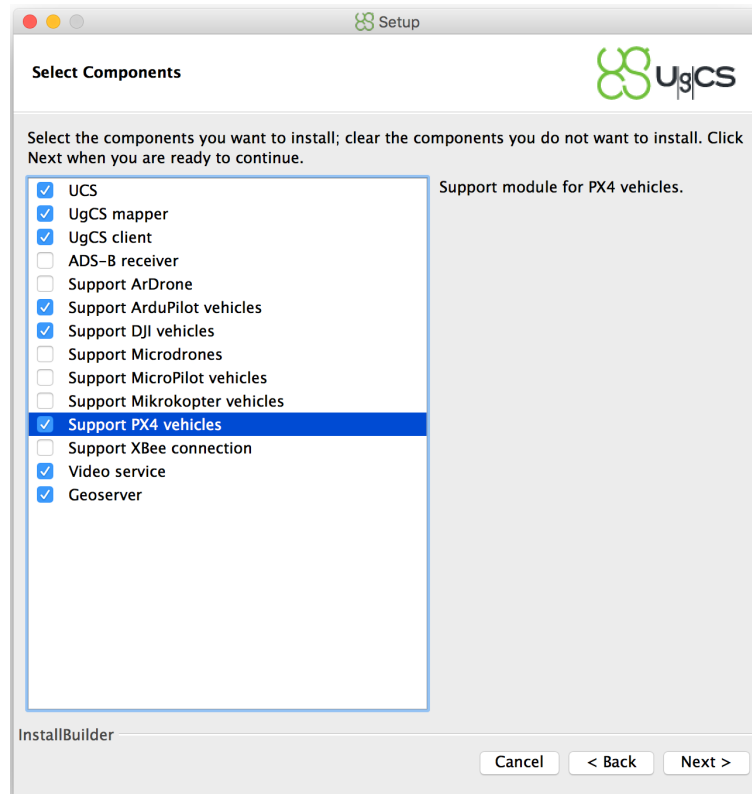


Table of Contents

Installation.....	3
Setting up the video configuration.....	3
Starting the UgCS and connecting the YUNEEC H520	3
Starting the video stream.....	4

Installation

In order to install PX4 VSM component which is required for YUNEEC to connect to the UgCS, during the installation at step “Select Components”, select “Support PX4 vehicles” checkbox:



No other unique adjustments are needed and user can proceed with the default installation options.

Setting up the video configuration

In order to enable video stream, it is necessary to adjust the vstreamer.conf file.

1. Please open the vstreamer.conf from the C:\Program Files (x86)\UgCS\bin folder.
2. Find the following line and uncomment it (remove the # sign): #vstreamer.YUNEECstream.
0=YUNEEC E90;rtsp://192.168.42.1:554/live
3. Save the changes

Starting the UgCS and connecting the YUNEEC H520

1. Make sure the YUNEEC H520 has a connected camera
2. From the PC via Wifi connect to the YUNEEC vehicle. YUNEEC’s Wifi SSID will start with the camera model, e.g. “E90_...”
3. Make sure the YUNEEC’s remote is not connected to the vehicle, e.g. by turning off the RC or closing the DataPilot app
4. Start the UgCS. The vehicle should appear as PX4-1. Uplink and downlink icons should turn green.

5. In order to set the correct vehicle profile, click on the PX4 vehicle's icon in the top right part. Drop-down menu should appear.
6. Select the "Select Profile" and then press "More". Expanded list of profiles should appear.
7. Select the YUNEEC H520.

At this point everything should be ready.

Starting the video stream

1. Click on the PX4 vehicle's icon in the top right part. Drop-down menu should appear.
2. Select the "Show Video" checkbox. Small video window should appear called "Video".
3. Expand the drop-down menu and select the corresponding camera, e.g. "YUNEEC E90".

After a few seconds the video stream should start.