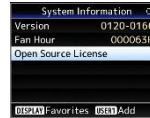# How to stream RTMPS using JVC GY-HC5x0 camcorders:

1. Check that the camcorder has firmware v0120-0166 or higher from:
   Menu > System > System Information > Version
2. If not, download the firmware from JVCKENWOOD website:
   GY-HC550U: http://pro.jvc.com/prof/attributes/software_dow.jsp?model_id=MDL102556&feature_id=17
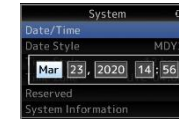   GY-HC500U: http://pro.jvc.com/prof/attributes/software_dow.jsp?model_id=MDL102557&feature_id=17
   GY-HC500SPC: http://pro.jvc.com/prof/attributes/software_dow.jsp?model_id=MDL102576&feature_id=17
3. Update the firmware using instructions included in the download package. Confirm the firmware was updated.
4. Set the correct Date/Time Setting from:
   Menu > System > Date/Time. This is a requirement to stream to Facebook.
5. Make appropriate network connection using:
   Menu > Network Connection Setup > Wizard

6. Press STATUS button. Press L button to display 9th page Connection Setup.
   Make note of the IP Address
7. Press L button to display 8th page Network. Make note of the Web Username and Password.
8. Open web browser of PC or tablet that is on the same network as the camcorder.
9. Type in the IP address of the camcorder. Use the Username and PW noted earlier.
10. Open Facebook Account. Retrieve Encoder Settings for Server URL
    and Stream Key. Select Persistent Stream Key
11. From the camcorder webpage, click on Settings icon > Live Streaming >
    Server1.
12. Configure Server1. For example, FB for Alias, RTMPS for Type.
13. **Enter the URL and Stream Key as one string in the URL field**.
14. Press Save.
15. Press USER3/Online button to start streaming.