

FUJIFILM

Surveillance Camera

FUJIFILM SX-800

Firmware Update Guide

FUJIFILM Corporation

BL00005121-200

Introduction

The firmware update procedure for the SX800 varies with whether it is performed via:

- SDI,
- Pelco, or
- an IP connection (ONVIF)

SDI

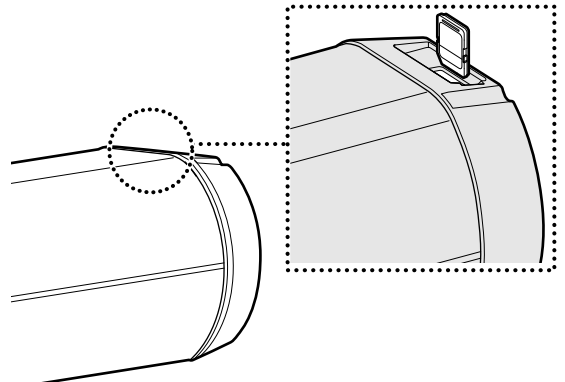
Getting Ready

- 1 Ready a formatted SD memory card.
- 2 Connect a monitor to the SX800.
- 3 Download the firmware update file to your computer.



TIP Confirm that the firmware update file is named "FPUPDATE.DAT". Updates cannot be performed using files with names containing parentheses (for example, "FPUPDATE(1).DAT") generated by downloading successive copies of the same file.

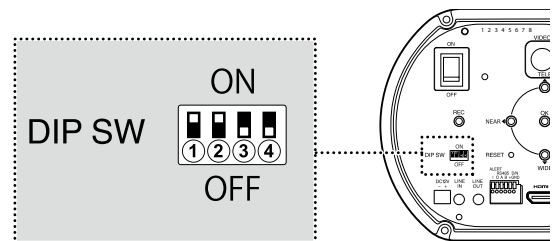
- 4 Copy the file downloaded in Step 3 to the memory card chosen in Step 1.
- 5 Insert the memory card from Step 4 into the card slot on the SX800.



6 Select stand-alone mode.

Select stand-alone mode using the DIP switches on the back of the camera. Set switches ① and ② to "ON" and switches ③ and ④ to "OFF".

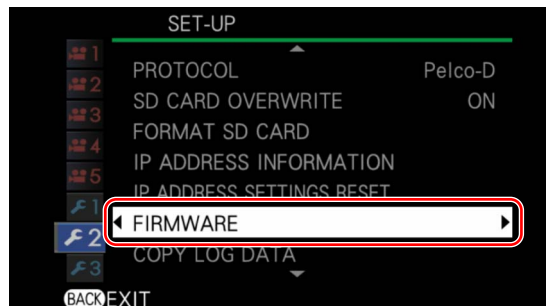
Operating mode	DIP switch			
	①	②	③	④
LAN ONVIF	OFF	ON	OFF	OFF
RS485	ON	OFF	OFF	OFF
Stand-alone	ON	ON	OFF	OFF



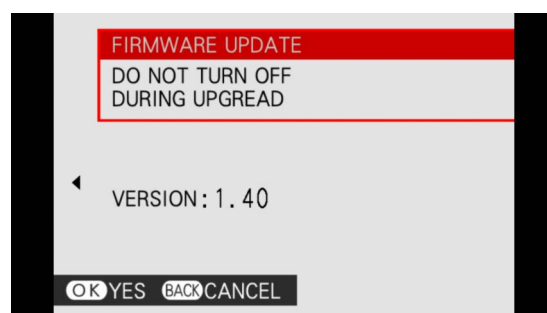
Updating the Firmware

TIP The camera is operated via the control panel. For more information, see the *Detailed Operating Instructions (Stand-Alone Mode)*.

- 1 Turn the camera on.
- 2 Select **FIRMWARE** in the second page of the setup menu.



- 3 A confirmation dialog will be displayed.
Press the **OK** button to proceed.



CAUTION Do not turn the camera off until the update is complete.

The update will complete in about two or three minutes, after which the camera will restart automatically.

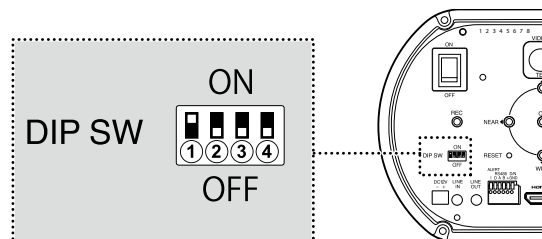
The firmware update is now complete.

Getting Ready

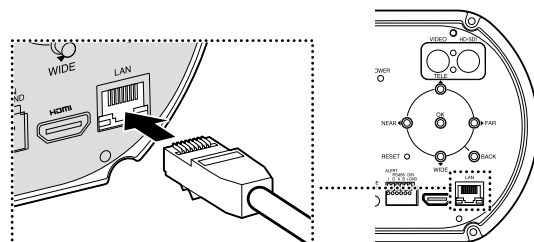
1 Select RS485 mode.

Select RS485 mode using the DIP switches on the back of the camera. Set switch ① to "ON" and switches ② through ④ to "OFF".

Operating mode	DIP switch			
	①	②	③	④
LAN ONVIF	OFF	ON	OFF	OFF
RS485	ON	OFF	OFF	OFF
Stand-alone	ON	ON	OFF	OFF



2 Use an Ethernet cable to connect the camera to a computer.



3 Download the firmware update file to your computer.



TIP

Confirm that the firmware update file is named "FPUPDATE.DAT". Updates cannot be performed using files with names containing parentheses (for example, "FPUPDATE(1).DAT") generated by downloading successive copies of the same file.

4 Select an IPv4 address for the computer.**• Windows 10:**

- ① Select **Control panel > Network and Internet > Network and Sharing Center > Access type > Properties** and double-click **Internet Protocol Version 4 (TCP/IPv4)**.
- ② The "Internet Protocol Version 4 (TCP/IPv4) Properties" dialog will be displayed; enter an IP address and subnet mask and click **OK**.

The screenshot shows the 'Internet Protocol Version 4 (TCP/IPv4) Properties' dialog box. The 'General' tab is selected. The 'Use the following IP address' radio button is selected. The 'IP address' field is highlighted with a red box and an annotation: 'IP address: Enter an IP address starting with "192.168.1." and ending with a number not currently used by the camera (the camera's default IP address is "192.168.1.10")'. The 'Subnet mask' field is highlighted with a red box and an annotation: 'Subnet mask: 255.255.255.0'. The 'OK' button is highlighted with a red box and an annotation: 'Click OK without altering any other fields or selecting any other options.'.

General tab

Use the following IP address

IP address: Enter an IP address starting with "192.168.1." and ending with a number not currently used by the camera (the camera's default IP address is "192.168.1.10").

Subnet mask: 255.255.255.0

Click OK without altering any other fields or selecting any other options.

Updating the Firmware

1 Turn the camera on.

2 Send a firmware update command from the Pelco command list.

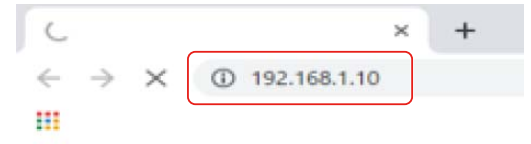
For more information, see the SX800 firmware update item in the Pelco-Protocol specification.

<https://optics.fujifilm.com/security/en/support/>

If the command was sent successfully, the camera will temporarily enter IP mode.

3 Open a web browser on the computer and enter the camera's IP address.

The camera's IP address is "192.168.1.xx", where "xx" defaults to "10"; the subnet mask is "255.255.255.0". For more information, see page 6.



4 When the computer establishes a connection to the camera, a firmware update dialog will be displayed; adjust settings as shown below.

 A screenshot of a web browser displaying a firmware update dialog. The browser's address bar shows "192.168.1.10". The dialog has three input fields: "FW VER. : v69FW", "REBOOT : ", and "FIRMWARE UPDATE : ". Red lines connect these fields to explanatory text boxes on the right.

FW VER. :	v69FW	The current firmware version
REBOOT :		Select ON to restart in RS485 mode.
FIRMWARE UPDATE :		Click BROWSE and select the firm-ware update file ("FPUPDATE.DAT") as described in Step 5.



TIP If no operations are performed for three minutes while the firmware update dialog is displayed, the camera will automatically restart in RS485 mode.

5 Click **BROWSE in the firmware update dialog, select the "FPUPDATE.DAT" file, and click **OPEN** to start the update.**

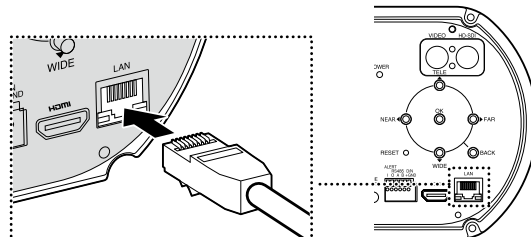
The update takes about three to five minutes; when it completes, the camera will automatically restart in RS485 mode.

The firmware update is now complete.

IP Connections (ONVIF)

Getting Ready

- 1 Use an Ethernet cable to connect the camera to a computer.

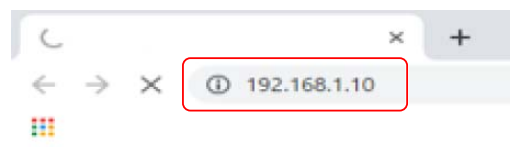


- 2 Download the firmware update file to your computer.



TIP Confirm that the firmware update file is named "FPUPDATE.DAT". Updates cannot be performed using files with names containing parentheses (for example, "FPUPDATE(1).DAT") generated by downloading successive copies of the same file.

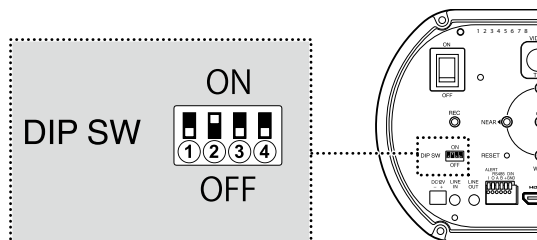
- 3 Open a web browser on the computer and enter the camera's IP address.
The camera's IP address is "192.168.1.xx", where "xx" defaults to "10"; the subnet mask is "255.255.255.0". For more information, see page 6.



- 4 Select LAN ONVIF mode.

Select LAN ONVIF mode using the DIP switches on the back of the camera. Set switch ② to "ON" and switches ①, ③, and ④ to "OFF".

Operating mode	DIP switch			
	①	②	③	④
LAN ONVIF	OFF	ON	OFF	OFF
RS485	ON	OFF	OFF	OFF
Stand-alone	ON	ON	OFF	OFF



Updating the Firmware

- 1 Turn the camera on.
- 2 Connect the camera and computer using an Ethernet cable.
- 3 In the camera menus, select **CONFIGURATION > SYSTEM MAINTENANCE > FW UPDATE**, click **BROWSE**, and finally click **OPEN** to begin the firmware update.

The update takes about three to five minutes; when it completes, the camera will restart automatically.

The screenshot shows the Fujifilm camera configuration web interface. The top navigation bar includes 'CONFIGURATION', 'FUJIFILM', 'SX800', 'administrator', and a 'LOG OUT' button. On the left, a sidebar lists various configuration categories: CAMERA SETTING, IMAGE QUALITY SETTING, SYSTEM, PTZ SETTING, SYSTEM MAINTENANCE, NETWORK SETTING, PORT, VIDEO, DISPLAY/OSD SETTING, and I18N/LANG. The main content area is divided into sections: ABOUT DEVICE, PTZ SETTING, SYSTEM MAINTENANCE, and NETWORK SETTING. In the SYSTEM MAINTENANCE section, the 'FW UPDATE' option is highlighted with a green bar, and the 'BROWSE' button next to it is also highlighted in green. Other options in this section include REBOOT, RESET SETTINGS, IMPORT CONFIGURATION FILE, EXPORT TO CONFIGURATION FILE, and COPY LOG DATA. The NETWORK SETTING section below shows various IP and MAC address fields with their current values.

The firmware update is now complete.

FUJIFILM

FUJIFILM Corporation

Optical Device & Electronic Imaging Products Div.

1-324 Uetake, Kita-ku, Saitama City, Saitama 331-9624, Japan

TEL. 81-48-668-2143 FAX. 81-48-651-8517

<http://www.fujifilm.com/>

HDMI[®]
HIGH DEFINITION MULTIMEDIA INTERFACE