

USER GUIDE

Pixboom Spark

Remote Control

Connect directly to Spark over Wi-Fi to monitor camera status, adjust settings, control recording, and review clips from a phone, tablet, or computer.

1 Quick Start

Spark creates a local Wi-Fi network for remote control. An internet connection is not required.

ONE CONTROLLER AT A TIME One Spark camera supports one connected remote-control device at a time. Close the control page on the current device before connecting from another phone, tablet, or computer.

Before You Begin

- Power on the camera and make sure it has sufficient battery power or a stable external power supply.
- Use a phone, tablet, or computer with Wi-Fi and a supported standalone browser.
- Keep the controlling device close to the camera during initial setup.

Connect in Four Steps

STEP	ACTION	WHAT YOU SHOULD SEE
1	On Spark, open MENU > System > WiFi > Remote Connection. If the screen shows WiFi is off, select Turn On.	Spark starts its local Wi-Fi network and displays the SSID and password.
2	Open Wi-Fi settings on your phone, tablet, or computer. Select the SSID shown on Spark and enter the displayed password.	The device connects to the Spark network.
3	Open a supported standalone browser and enter http://192.168.1.1 in the address bar.	The Spark remote-control page opens.
4	Confirm that the page shows the camera as connected before using remote controls.	You can view status, control settings and recording, or open playback.

LOCAL NETWORK Your device may report that the Spark Wi-Fi network has no internet access. This is normal. Choose the option to stay connected to this network.

2 Enable Wi-Fi on Spark

Camera Operation

STEP	ACTION	WHAT YOU SHOULD SEE
1	Press MENU and open System > WiFi > Remote Connection.	The Remote Connection screen opens.
2	If the screen shows WiFi is off, select Turn On.	Spark enables Wi-Fi and displays the SSID and password.
3	Use the displayed SSID and password to connect your phone, tablet, or computer.	While waiting for a remote device, the screen provides the network details and a Turn Off Wi-Fi option.
4	Open the remote-control page on the connected device.	The camera screen changes to Remote Connected and shows the connected-device information.
5	To end the current remote session from the camera, select Disconnect.	The remote device is disconnected. Wi-Fi remains available for a new connection.

CHANGING NETWORK DETAILS If the SSID or password is changed, the Wi-Fi network restarts and the current remote session disconnects. Reconnect using the updated information shown on Spark.

Connection Behavior

- Turn On enables the local Wi-Fi network when Wi-Fi is off.
- Turn Off Wi-Fi disables the local network when no remote device is connected.
- Disconnect ends the current remote-control connection without turning off Wi-Fi.
- If another remote device is already connected, select Disconnect on Spark or close the existing control page before connecting a new device.

AVOID SIMULTANEOUS OPERATION The camera controls and the connected remote-control page remain available at the same time. However, wireless or processing delay may cause brief synchronization differences. To avoid conflicting commands, do not operate both interfaces simultaneously; allow the displayed status to synchronize before the next action.

3 Connect a Phone, Tablet, or Computer

Join the Spark Wi-Fi Network

- Open the device's system Wi-Fi settings.
- Select the SSID displayed on Spark and enter the camera's Wi-Fi password.
- If prompted that the network has no internet connection, choose to remain connected.
- Open a supported standalone browser and enter `http://192.168.1.1` in the address bar.

WEB ADDRESS Enter the complete address in the browser address bar. Use `http://`, not `https://`, and do not enter the address in a search field.

Recommended Browser Versions

For the most reliable operation, use the following versions or later:

BROWSER	RECOMMENDED VERSION
Chrome (desktop / Android)	108+
Android System WebView	108+
Microsoft Edge (Chromium)	108+
Firefox	101+
Safari on macOS	15.4+
Safari on iPhone / iPad	iOS 15.4+

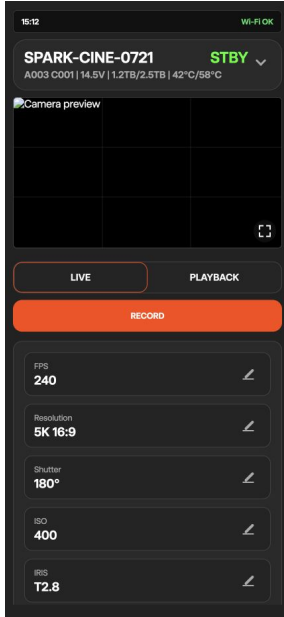
Browser and Network Notes

- Use a current standalone browser on the operating system. Browser compatibility can vary by device model and system version.
- Temporarily disable VPN or proxy services if the local control page cannot be reached.
- Prevent the device from automatically switching to another remembered Wi-Fi network while remote control is in use.

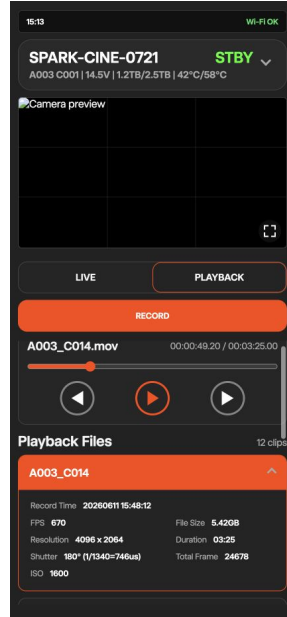
4 Remote Control Page

The page is organized into two main tabs:

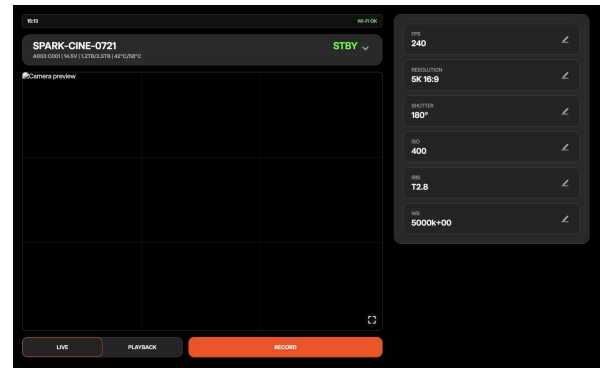
- Live — view camera and connection status, monitor the live image, start or stop recording, and adjust available shooting parameters.
- Playback — browse recorded clips, review clip information, and use the available playback controls.



Mobile Live



Mobile Playback



Computer landscape view

The layout adapts to the screen size of the connected device.

STATUS FIRST Operate the camera only after the page shows an active connection. If the connection drops, wait for the camera status to synchronize again before continuing.

5 Troubleshooting

ISSUE	CHECK	ACTION
Spark Wi-Fi is not listed	Open Remote Connection and check whether the screen shows Wi-Fi is off.	Select Turn On, then refresh the device's Wi-Fi list.
The device reports no internet	The device is connected to the Spark SSID.	Choose to stay connected. Internet access is not required for local control.
The control page does not open	The address is http://192.168.1.1 and the device is still on Spark Wi-Fi.	Re-enter the address, disable VPN or proxy services, and reconnect to the Spark SSID.
The page reports a connection conflict	Another phone, tablet, computer, or browser page is already controlling the camera.	Select Disconnect on Spark or close the existing control page, then select RETRY on the new device.
Controls are temporarily unavailable	The camera is recording, changing mode, or reconnecting.	Wait until the camera returns to a stable state and the page status is synchronized.
Live view or playback is delayed	Wireless signal strength and camera workload.	Move closer to the camera and allow the current operation to finish before trying again.
Wi-Fi signal is weak or disconnects	The wireless connection remains weak or drops repeatedly.	Move closer to the camera. If the signal remains weak, consider installing an additional Wi-Fi antenna that meets the requirements below.

Antenna Requirement Note

If an additional Wi-Fi antenna is installed, use the following selection requirements.

FEATURE	REQUIREMENT
Frequency	2.4 GHz and 5 GHz dual band, required
Type	Omnidirectional, required
Connector	Standard SMA male connector with center pin, required
Impedance	50 ohms, required
Gain and size	Select according to the installation

End a Remote Session

- Stop recording and wait until the camera returns to a stable standby state.
- On Spark, open Remote Connection and select Disconnect to end the current remote session.
- Close the remote-control page and disconnect the controlling device from the Spark Wi-Fi network.
- To disable the camera's local Wi-Fi network, select Turn Off Wi-Fi on the Remote Connection screen.

CONTINUED DEVELOPMENT Remote control is under continuous development. Additional functions and refinements may be introduced in future firmware and web-control releases. Available functions and on-screen labels are subject to the installed version.