FOCIS WiFi2™

Fiber Optic Connector Inspection Probe
Quick Reference Guide

FOCIS WiFi2 Controls and Interfaces

1 Multifunctional button 📷 / ⏻ has several multiplexed functions:

– Power On/Off
– Live Image Mode
– Auto Focus/Capture/Analysis/Auto-Save

2 Multifunctional LED indicator represents various states of the FOCIS WiFi2. For details, see table on the next page.
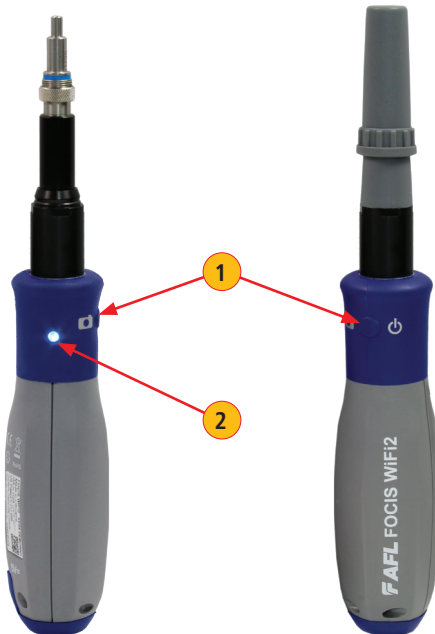
Multifunctional LED Indicator States

#	Action	State	LED Color/Behavior
1	FOCIS WiFi2 power On	Firmware loading	**Blue** blinks 3 times: 1 s On/1 s Off
2	Press FOCIS WiFi2 button 3-5 times	Upgrade mode, loading Firmware	**Blue** blinks: 0.5 s On/0.5 s Off
3	Firmware flashing	Firmware Flashing. After flashing FOCIS WiFi2 enter to Firmware loaded.	**Blue** blinks: 0.2 s On/0.2 s Off
4	FOCIS WiFi2 power On	Firmware loaded. WiFi SSID beacon, not connected.	**Blue** blinks: 2 s On/1 s Off
5	Smart device WiFi connect	WiFi connected, apps not active	**White** lit steadily
6	Smart device WiFi disconnect	WiFi disconnected, WiFi SSID beacon	**Blue** blinks: 2 s On/1 s Off
7	Apps start	Live mode	**Blue** lit steadily
8	Apps closed/standby	WiFi connected, apps not active	**White** lit steadily
9	Image capture and Analysis	Pass	**Green** lit steadily
10	Image capture and Analysis	Fail	**Red** lit steadily
11	Image capture and Analysis	No Fiber	**Cyan** lit steadily
12	Image capture without Analysis, Menu	Not Analyzed, Menu	**Purple** lit steadily

FOCIS WiFi2 Interfaces

1. Optical inspection port
2. Adapter tip
3. Dust cover
4. 5 VDC input jack
5. Charging indicator

Properly Installing and Removing Adapter Tips

FOCIS WiFi2 is available with the following adapter tips

Connector	UPC Connectors		APC Connectors	
	Ferrule	**Bulkhead**	**Ferrule**	**Bulkhead**
SC	FFLX-01-U25	FFLX-01-SC	FFLX-01-A25	FFLX-01-ASC
FC	FFLX-01-U25	FFLX-01-FC	FFLX-01-A25	FFLX-01-AFC
LC	FFLX-01-U125	FFLX-01-LC	FFLX-01-A125	FFLX-01-ALC2
ST	FFLX-01-U25	FFLX-01-ST	Not applicable	Not applicable

Note: Contact AFL Sales Representative or Tech Support for additional connector adapter tips.

Installing Adapter Tips

- While holding adapter tip in place, raise captive nut (A) until it engages with adapter tip threads.
- Turn captive nut counter-clockwise (viewed from front/top).
- Hand-tighten (do not over-tighten).

Removing Adapter Tips

Probe tips are held in place with a captive nut (A).

- Turn captive nut clockwise (viewed from front/top).
- Continue until captive nut is free of adapter tip.
- Remove adapter tip by pulling it gently straight off the probe base.

Powering Up/Down

Power-Up

- Press and release the Multifunctional button (A) to turn the FOCIS WiFi2 probe On.
- LED status indicator (B) will display Flashing Blue light.

Power-Down

- Press and hold the Multifunctional button (A) for over 3 seconds to turn the probe Off.
- LED status indicator (B) will turn off.

Multifunctional Button Operation

- Powers FOCIS WiFi2 On/Off.
- In the Live Image mode, press the Multifunctional button to perform the following:
  - Auto Focus image (if the Auto Focus option is enabled)
  - Capture the displayed image and enter the Captured Image mode
  - Analyze image (if the Pass/Fail option is enabled)
  - Save results and in the memory of WiFi connected Smart Device (if Auto Save is enabled)
- In the Captured Image mode, press the Multifunctional button to return to the Live Image mode.

Download FOCIS WiFi2 app

Download FOCIS WiFi2 app from Google Play or App Store.

Connect the FOCIS WiFi2 to a Smart Device

On FOCIS WiFi2 probe:

- Press and release the 📷 / ⏻ button to power On.
- LED status indicator will display Flashing Blue light indicating that FOCIS WiFi2 is in "WiFi Beacon Mode" – ready to connect to your smart device.
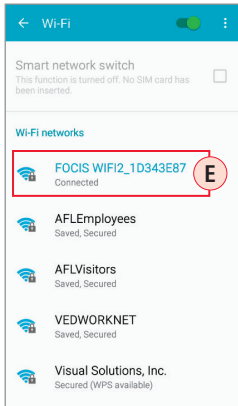
On your Smart Device:

- Navigate to Settings.
- Tap WiFi (A).
- Locate your FOCIS WiFi2 device (as in example screen below - (B)); tap.
- Enter password: 12345678 (C).
- Tap Connect (D).
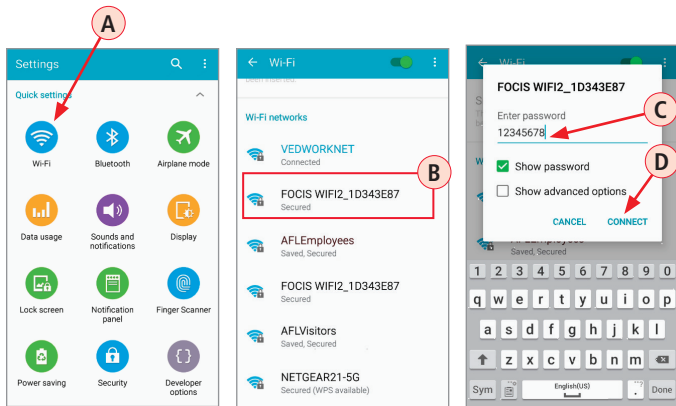
Connect the FOCIS WiFi2 to a Smart Device

On your Smart Device:

- Note the 'Connected' status (E).
- Your FOCIS WiFi2 probe is now connected to your smart device.

On FOCIS WiFi2 probe:

- Note that LED status indicator changes to White indicating that FOCIS WiFi2 is connected; FOCIS WiFi2 app is not active.
- Launch the FOCIS WiFi2 app on your smart device.
- Note that LED status indicator changes to Blue indicating that FOCIS WiFi2 is connected and FOCIS WiFi2 app is active in Live Mode.

Configure FOCIS WiFi2 to Auto-Off

FOCIS WiFi2 Power Save options are controlled by iOS & Android Apps.
The following instructions assume that FOCIS WiFi2 is connected to a smart device, which operates in the FOCIS WiFi2 app.

On your Smart Device:

① From the Live Mode screen, tap Menu ≡ icon to display the Main Menu.
② From the Main Menu, tap Auto-Power Off.
③ Select the desired power save option: 1 min, 5 min, 30 min, Never.
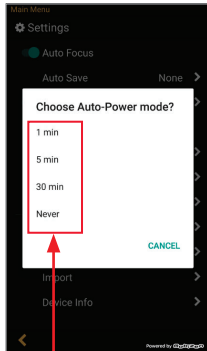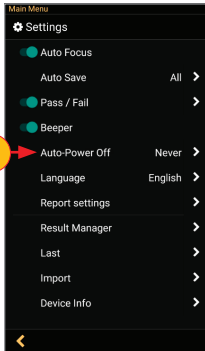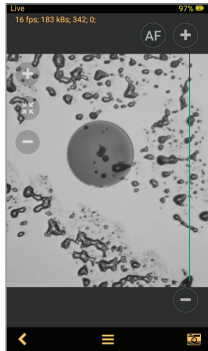
Battery Charging and Operation

To charge battery of the FOCIS WiFi2 probe:

1. Plug the included AC Charger into AC outlet.
2. Connect charger plug into 5 VDC jack (A) on the FOCIS WiFi2 probe.
3. Charging indicator (B) will display the battery charging status as follows:

LED Color/Behavior	Battery Charging Status
Off	AC is not connected
Red	Battery is charging
Green	Battery is fully charged
Red/Green flashing	Charging error: • Verify that correct 5VDC 2A charger is used. • Allow the FOCIS WiFi2 probe to cool before charging.

4. FOCIS WiFi2 charges while operating.

Battery Charging and Operation
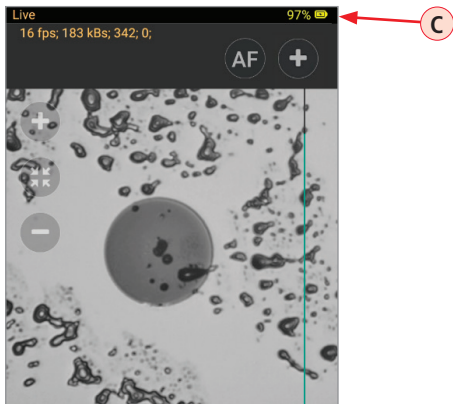
On your Smart Device, FOCIS WiFi2 app

Battery icon (C) indicates battery state as follows:

Battery Icon Display	State
<100%, yellow icon	AC connected; charging, not fully charged
100%, green icon	AC connected; fully charged
0%, grey icon	AC connected; charging error
100%, green icon	Battery operation, fully charged
<100%, green icon	Battery operation, partially charged
20%, red icon	<15 min Battery operating time remaining. Note: With 20% FOCIS WiFi2 can work about 1 hour.

For details, refer to FOCIS WiFi2 User's Guide available on **www.AFLglobal.com**.

Thank you for choosing AFL Test & Inspection!