

FlashQ Q20III

Camera Flash



Key Features

- Compact external flash with Guide Number 20m (at ISO 100 and 32mm)
- Off-camera flash any time, with detachable Transmitter design
- Remote control flash power ratio
- FlashQ Transmitter with built-in rechargeable Li-ion battery
- USB charging for both FlashQ Transmitter and Q20III body (using rechargeable Ni-MH batteries)
- USB Type-C ports offer more convenient charging experience
- Pairing multiple Transmitters to multiple Q20III flashes / FlashQ Receivers (sold separately)
- Tilttable flash head
- With color gel holder
- LED video / modeling light

Low Battery Notification

FlashQ Transmitter : During power-ON, press power button once, a blinking RED indicates low-battery and needs a recharge.
Q20III Main Body :Any button actions make the Battery Charge Indicator blink RED. Flash / video light gets suspended. This needs a recharge / battery replacement.

Charging FlashQ Transmitter

- Charge FlashQ Transmitter (with built-in Li-ion battery) by connecting to a computer or other USB power adapter using the included USB cable.
- The Status indicator on Transmitter is in RED during charging and turns GREEN when charging is complete.
- Take around 1.2 hours to fully charge the Transmitter.

WARNING:
The included USB charging cable is for charging FlashQ Q20III / Transmitter / Receiver only. Total power rating (two USB-C outputs) is at 5V 800mA.

Package Contents

- 1 x FlashQ Q20III main body (Battery is not included)
- 1 x FlashQ Transmitter (with built-in lithium battery)
- 1 x Diffuser panel (~1.3 EV)
- 1 x Color gel holder
- 1 x Color gel pack (7 colors)
- 1 x USB charging cable (two USB-C outputs)
- 1 x Protective pouch
- 1 x User manual

FCC Warning

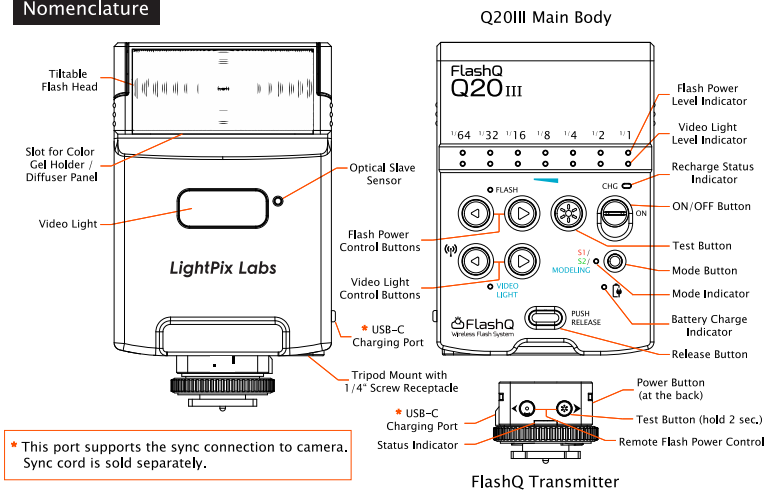
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC ID: 2AT3V-Q20M3

Nomenclature



Charging FlashQ Q20III

Highly recommend to use rechargeable Ni-MH batteries on FlashQ Q20III for quick recycling time and convenience of USB charging capability.

- Charge FlashQ Q20III (with rechargeable Ni-MH batteries installed) by connecting to a computer or other USB power adapter using the included USB cable.
- The Battery Charge Indicator is in AMBER during charging and turns GREEN when charging is complete.
- Take around 4.5 hours to fully charge two 2500mAh Ni-MH batteries with FlashQ Q20III.

WARNING:
• FlashQ Q20III also accepts two non-rechargeable AA-size alkaline batteries, but DO NOT attempt to recharge the alkaline batteries using USB charging.
• Battery may leak or explode if improperly handled.
• Make certain to install the batteries with correct polarity.
• Remove the batteries from FlashQ Q20III when not in use for a prolonged period.

Warranty

12 months warranty from the date of original purchase.

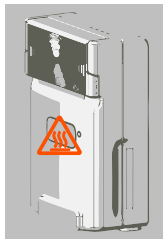
For support and inquiry, please contact us directly.

Email : info@lightpixlabs.com





Message Box : <https://lightpixlabs.com/contact>

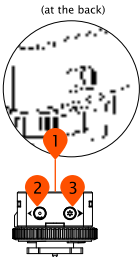
Safety Warnings and Cautions

1. The photoflash (Xenon flash tube) outputs high power light energy. Avoid direct eye exposure.
2. Caution hot around the flash tube window and video light window during use.
3. Do not expose the product to rain or moisture.
4. The product contains small parts. Keep out of reach of small children to prevent accidental swallowing.
5. Do not disassemble. Electric shock may occur if high voltage circuit inside the product is touched.




FlashQ Transmitter







1. Press the Power button  for 2 seconds to turn on / off FlashQ Transmitter, vice versa. Special LED blink pattern indicates POWER ON.
- FlashQ Transmitter blinks **YELLOW** every 4 sec. when it is ON.
2. On FlashQ Transmitter, press either one button   to remote control Q20III's flash power level / video light level.
3. On FlashQ Transmitter, press the Test button  for 2 seconds to have pilot test.

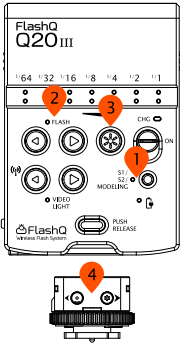


Notes:

- FlashQ Transmitter gets Auto Power OFF after 30 minutes idle.
- To disable Auto Power OFF, press and hold the Power button  for 5 seconds to turn on FlashQ Transmitter.








S1 Mode

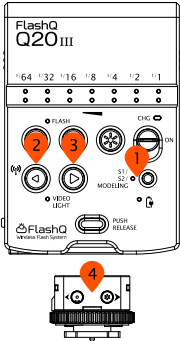
1. Toggle button , set the Mode Indicator turns **RED**
2. Press button   to control flash power level
3. Press button  for a pilot test
4. On FlashQ Transmitter, press either one button   to remote control Q20III's flash power level. In this mode, FlashQ Transmitter **cannot** trigger the Q20III remotely.








In S1 mode, FlashQ Q20III synchronizes to the traditional single flash system (common in film camera). FlashQ Q20III just synchronizes to the first flash.

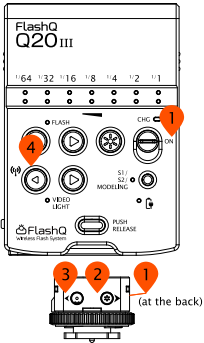
Video Mode

1. Toggle button , set the Mode Indicator turns **OFF**
2. Press button   once, switch to Video Mode
3. Press button   to control video light level
4. On FlashQ Transmitter, press either one button   to remote control Q20III's video light level



Pairing Up FlashQ Q20III and Transmitter









1. Turn on FlashQ Q20III and Transmitter
2. On FlashQ Transmitter, hold both buttons   for 3 seconds to enter Pairing Mode (Blue LED blinking)
3. Repeat Step 2 on the second Transmitter (sold separately), two Transmitters should register to the same channel. The second Transmitter goes back to operation mode automatically.
4. On Q20III Main Body, hold button  for 3 seconds to enter Pairing Mode (Blue LED row blinking in special pattern)
5. The system goes pairing and selects a new clear channel automatically.
6. When pairing gets success, Q20III Main Body quits Pairing mode and back to operation mode automatically. Press either one button   on FlashQ Transmitter to complete Pairing.

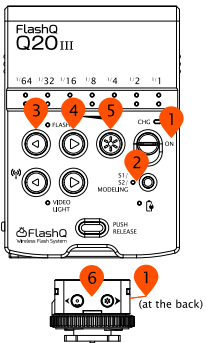


Flash Length Range







Guide Number 20							
ISO 100							
Aperture (F)	Flash Power Ratio (M: Manual mode)						
	1/1	1/2	1/4	1/8	1/16	1/32	1/64
2.8	7.1	5	3.5	2.5	1.8	1.25	0.9
4	5	3.5	2.5	1.8	1.25	0.9	0.6
5.6	3.5	2.5	1.8	1.25	0.9	0.6	0.45
8	2.5	1.8	1.25	0.9	0.6	0.45	0.3
11	1.8	1.25	0.9	0.6	0.45	0.3	0.22
16	1.25	0.9	0.6	0.45	0.3	0.22	0.15

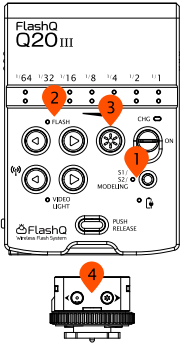
Flash Mode

1. Turn on FlashQ Q20III and Transmitter
2. Toggle button , set the Mode Indicator turns **OFF**
3. Press button   once, switch to Flash Mode
4. Press button   to control flash power level
5. Press button  for a pilot test
6. On FlashQ Transmitter, press either one button   to remote control Q20III's flash power level. And FlashQ Transmitter can trigger the Q20III remotely.



S2 Mode









1. Toggle button , set the Mode Indicator turns **GREEN**
2. Press button   to control flash power level
3. Press button  for a pilot test
4. On FlashQ Transmitter, press either one button   to remote control Q20III's flash power level. In this mode, FlashQ Transmitter **cannot** trigger the Q20III remotely.

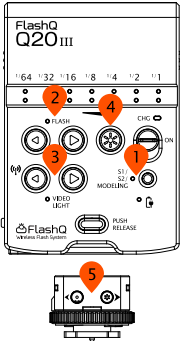


In S2 mode, FlashQ Q20III synchronizes to the digital / TTL flash system. The master flash fires a pre-flash (for TTL metering / red eye reduction) and then a main flash. FlashQ Q20III (in S2 mode) can ignore the pre-flash, and synchronizes to the main flash.

Modeling Mode

(Video light is always ON for modeling purpose. Both Flash and Video light turn ON during fire triggering.)

1. Toggle button , set the Mode Indicator turns **BLUE**
2. Press button   to control flash power level
3. Press button   to control video light level
4. Press button  for a pilot test
5. On FlashQ Transmitter, press either one button   to remote control Q20III's flash power level. And FlashQ Transmitter can trigger the Q20III remotely.



Technical Specifications

- Guide Number 20m (at ISO 100)
- Focal length coverage: 32mm (on 35mm format)
- Manual flash power ratio control (7 steps adjustable, 1/64 to 1/1)
- LED video light (7 steps adjustable, Max. 60 lux output at 1m)
- 2.4GHz low-power digital radio, 10 meters wireless operating range
- Tiltable flash head, up to 90° and with click-stops at 0°, 45°, 60°, 75°, 90°
- Other functions: S1 / S2 optical slave, modeling light (LED)
- Transmitter per charge: 80 hours operation and 120 days standby
- Two AA-size alkaline / rechargeable Ni-MH batteries for Q20III main body
- Recycling time (1/1 full power output) : 6 sec. by Ni-MH batteries / 7 sec. by fresh alkaline batteries
- Number of flashes : 100 – 2000 flashes
- LED lighting time: approx. 1 hour (at full power LED output and by Ni-MH batteries)
- Flash color temperature : 5600K±200K (same as daylight)
- LED color temperature : 5500K±300K , CRI 95
- Dedicated socket for FlashQ Transmitter attachment
- Dimensions : 59(W) x 101(H) x 29(D) mm (including FlashQ Transmitter)
- Weight : 115g (without battery)

Memo