

New Attack Parameters

August 31, 2011

Some Attack features can be changed by the user (underlined items are default settings).

Flash strobe power (Attack only)

Settings are 10 feet, 20 feet, 30 feet, and 40+ feet

Video length

Settings are 10 seconds, 20 seconds, and 30 seconds

Video Operating Time (Attack IR only)

Settings are video day only, night only, day & night

Operating Time

Settings are day only, night only, day & night

Image & Video Quality

Settings are standard quality & high quality

Time Lapse Mode

Settings are enable or disable

Step 1: enable or disable parameters OR select Time Lapse Operation

First you must enable parameters. This is done by:

1. Rotate knob to MENU
2. Press A until P0:0 is displayed. P0 indicates **Parameter Zero**, which is the parameter on/off control.
3. When P0:0 is displayed, than press the B key to select from these 3 options:
 - P0:0** = parameters are OFF and all parameters are set to defaults
 - P0:1** = parameters are ON and can be changed as desired
 - P0:tL** = time lapse mode. Attack is put into time lapse mode as explained latter.

Step 2: Press the A key to display P1 (strobe flash power)

P1 controls the Attack flash power (this will not be displayed for Attack IR). The available settings are selected by pressing the B key:

- P1:1 = 10 foot flash range
- P1:2 = 20 foot flash range
- P1:3 = 30 foot flash range
- P1:4 = 40 foot flash range

Step 3: Press the A key to display P2 (video length)

P2 controls the Attack video length. The available settings are selected by pressing the B key:

P1:1 = 10 second video

P1:2 = 20 second video

P1:3 = 30 second video

Step 4: Press the A key to display P3 (video operating time)

P3 controls the Attack video operating time (this will not be displayed for Attack strobe model, which cannot take night videos). The available settings are selected by pressing the B key:

P1:1 = record videos only at night

P1:2 = record videos only during the day

P1:3 = record videos during day & night

Step 5: Press the A key to display P4 (operating time)

P4 controls the Attack operating time. The available settings are selected by pressing the B key:

P1:1 = operate only at night

P1:2 = operate only during the day

P1:3 = operate during day & night

Step 6: Press the A key to display P5 (quality)

P5 controls the Attack image & video quality. The available settings are selected by pressing the B key:

P5:1 = standard resolution 5MP images and video (we recommend this setting for most users)

P5:2 = high quality 5MP images and video

Note – image quality is improved by optimizing the JPG and VIDEO compression algorithm. Images will be clearer when zooming, but file size is significantly increased. Most users will not benefit from this feature, which is mainly intended for research professionals that require the best image quality possible.

Time Lapse Mode

Time Lapse Mode is enabled when Parameter 0 is set to tL, which is displayed as **P0:tL**.

When Time Lapse Mode is enabled the Attack will NOT function as a motion sensor camera and the rotary switch ARMED positions perform different functions as show here:

15 sec → 1 minute time lapse delay (images will be automatically taken every 1 minute)

30 sec → 15 minute time lapse delay (images will be automatically taken every 15 minutes)

1 min → 30 minute time lapse delay (images will be automatically taken every 30 minutes)

3 min → 1 hour time lapse delay (images will be automatically taken every 1 hour)

5 min → 3 hour time lapse delay (images will be automatically taken every 3 hours)

10 min → 6 hour time lapse delay (images will be automatically taken every 6 hours)

15 min → 12 hour time lapse delay (images will be automatically taken every 12 hours)

30 min → 24 hour time lapse delay (images will be automatically taken every 24 hours)

When Time Lapse Mode is enabled, the user can also adjust P1 (strobe power), P4 (operating time) and P5 (image quality) as explained above.

Videos are NOT recorded when time lapse mode is enabled.

When the camera is ARMED by rotating the knob to one of the ARMED setting, the LCD will display LPSE to indicate that the camera is operating in Time Lapse Mode.

To disable Time Lapse Mode set P0 to P0:0 or P0:1.

Parameter	Settings
P0 (enable)	<u>0 = parameters disabled</u> 1 = parameters enabled tL = time lapse mode on
P1 (strobe power)	1 = 10 feet 2 = 20 feet <u>3 = 30 feet</u> 4 = 40+ feet
P2 (video length)	<u>1 = 10 seconds</u> 2 = 20 seconds 3 = 30 seconds
P3 (video operating time)	1 = night only 2 = day only <u>3 = day and night</u>
P4 (operating time)	1 = night only 2 = day only <u>3 = day and night</u>
P5 (image quality)	<u>1 = standard quality</u> 2 = high quality
When P0=0 the parameters are set to the <u>underlined</u> default settings.	