



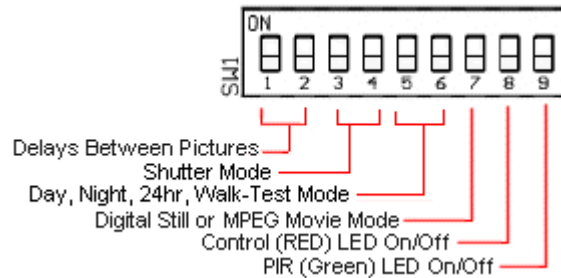
## PixController Universal RSS Fast-U User Switch Settings

Copyright ©, PixController, Inc. <http://www.pixcontroller.com>, all rights reserved.

The User Control Switch (SW1) will let you customize how the PixController Board will trigger the Digital Camera. Here you can adjust the time delay between pictures, set shutter mode, operating only at day, night, or 24 hours, setting up a walk-test mode for testing PIR range/area, capturing Digital Still's or Movie Files, and turning the control board LED's on or off.

**Note1:** When turning power on to your Universal board both the red and green LED will light up. They will both stay on for 30 seconds. This time will allow the PIR circuit to warm up. After this time expires the green LED will turn off and the red LED will blink 5 times letting you know that the board is entering a 1 minute automatic walk-test phase. At this point you can move around the camera setup and check out the PIR area. Both the green and red LED's will light when motion is detected. After the 1 minute automatic walk-test phase expires the red LED will blink 5 times letting you know the camera system will now become active.

**Note2:** The RSS\_Fast-U PIC chip is recommended for stay on type cameras that need a refresh, such as the Olympus D-370 and D-380, and 35mm cameras. The Super Fast mode will hold the refresh on all the time for high speed camera action upon sensing motion.



*Modes of Switch Operation*

### Default Setting



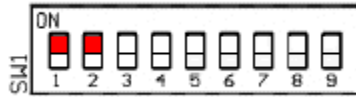
All switches “UP” except switch 9 which is “DOWN”.

*10 Second Delay between pictures, Normal Shutter Trigger, 24 Hour Recording, Capture Still Picture, Control LED On, PIR LED On.*

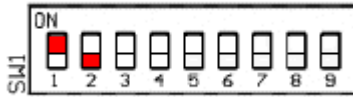
**Red indicated the switch position for all graphics below.**

## **Delays Between Pictures Setting**

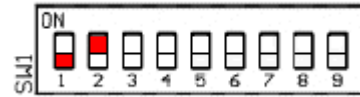
Switches 1 and 2 control the delays between pictures.



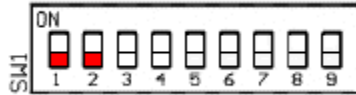
*10 Seconds Delay*



*30 Seconds Delay*



*1 Minute Delay*



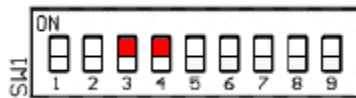
*3 Minute Delay*

## **Shutter Mode Setting**

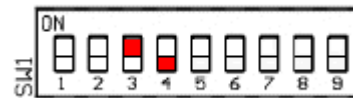
Switchs 3 and 4 controls how fast the camera is refreshed. When switch 3 is in the UP position this is a normal camera refresh (3.5 hour camera refresh). In this mode it will take the D380 about 3 seconds to shutter a picture on an incoming PIR event. When switch 6 is in the DOWN position the camera will be refreshed once every 2.75 minutes. In this mode it will take the D380 less than a second to shutter a picture on an incoming PIR event. Super Fast Shutter mode will shutter a photo in 0.2 seconds or less, but will be a very big drain on your batteries. You will need an AUX power supply for the camera to get more than a days worth of battery life.

Note 1: In “Fast Shutter” and “Super Fast Shutter” Mode this will decrease the battery life of the D380.

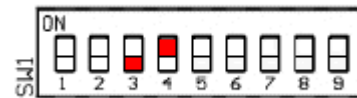
Note 2: This mode should not be used when the Picture Capture Switch Setting is in the “MPEG Movie Setting”. This will significantly decrease the battery life of the D380.



*Normal Shutter Trigger*



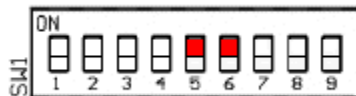
*Fast Shutter Trigger*



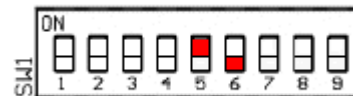
*Super Fast Shutter Trigger*

## **Day/Night Operation Settings**

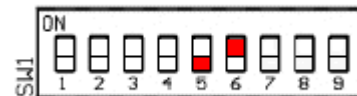
Switches 5 and 6 control Daylight, Night Time, and 24 Hour recording or pictures.



*24 Hour Operation*



*Night Only Operation*

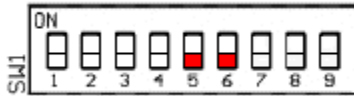


*Day Only Operation*

## **PIR Walk-Test Mode**

On boot up of the Universal board this setting will put the unit into a PIR Walk-Test mode. Here you can check out the PIR detection area without having the unit take photos. When booting the Universal board into this mode the RED Control LED and Green PIR LED will stay on for about 30 seconds. This is when the PIR is warming up. After this period of time has expired you are free to walk and test the PIR area.

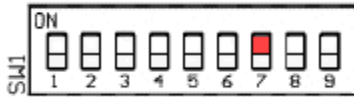
**Note:** To put the PixController back into “Photo Taking Mode” change the switch settings of switch 5 and 6 to one of the three options above under the Day/Night Operation Setting, and power the PixController unit Off and On from the external power switch.



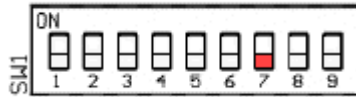
*PIR Walk-Test Mode*

### **Picture Capture Setting**

Switch 7 will allow the user to adjust how the camera shutter will function. The normal “Still Picture Setting” this will shutter the camera once to take a still photo. In the “Movie/Double Photo Mode” the shutter will be held open for 15 seconds for movie taking, or taking another still photo seconds after the first photo.



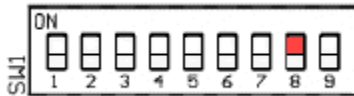
*Still Picture Setting*



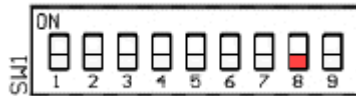
*Movie/Double Photo Mode Setting*

### **Control LED On/Off Setting**

Switch 8 sets if the Control LED (Red LED) is to be used or not. Note, the control LED will always be on during the Power-Up Phase, or when in Walk-Test Mode.



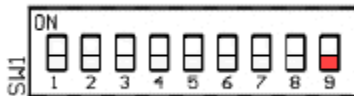
*Control LED On*



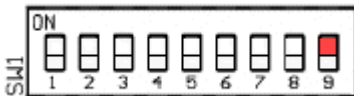
*Control LED Off*

### **PIR LED On/Off Setting**

Switch 9 sets if the PIR LED (Green LED) is to be used or not.



*PIR LED On*



*PIR LED Off*

**Note:**

**When changing switch setting you must re-boot your *PixController* board. When re-booting you must wait approximately 30 seconds before turning power on again. Not doing so can result in the controller not working properly. Symptoms of this are a dim red LED or blinking green LED, or both.**

Copyright ©, *PixController*, Inc. <http://www.pixcontroller.com>, all rights reserved.

*PixController*, Inc.  
2610 Haymaker Farm Road  
Export, PA 15632

