



## PixController DVR/Camera Controller User Switch Settings

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

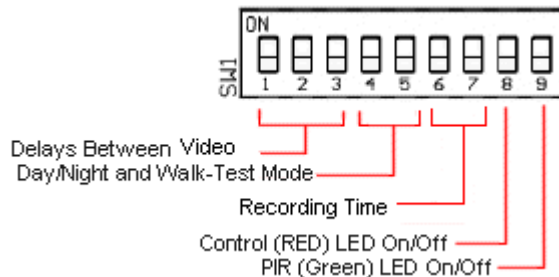
### Introduction:

The PixController DVR/Camera controller was designed for security applications, battery operated wireless camera systems, outdoor web cameras, and many other applications. The PixController DVR/Camera controller can control up to 3 separate devices plus an external light or IR array (4 devices total). Devices can be wireless cameras, wireless video transmitters, outdoor video cameras, board cameras that are powered up once motion is detected and kept on for as long as motion is present. The PixController DVR/Camera controller can also control a DVR via external trigger control recording.

The User Control Switch (SW1) will let you customize how the PixController DVR/Camera controller will trigger the external device. Here you can adjust the time delay between pictures, operating only at day, night, or 24 hours, setting up a walk-test mode for testing PIR range/area, set how long the device will stay powered upon a motion event, and turning the control board LED's on or off.

**Note:** When turning power on to your PixController DVR/Camera controller 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.

### User Control Switch (SW1) on the PixController DVR/Camera controller



*Modes of Switch Operation*

## Default Setting



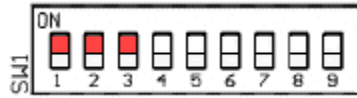
All switches “UP” except switch 9 which is “DOWN”.

*No Delay between pictures, 24 Hour Recording, 30 Seconds/Continuous recording time, Control LED On, PIR LED On.*

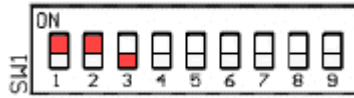
**Red indicated the switch position for all graphics below.**

## Delays Between Motion Events Setting

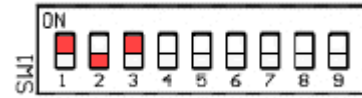
Switches 1, 2, and 3 control the delays between motion events.



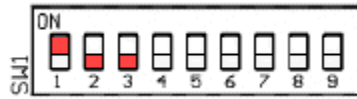
*No Delay*



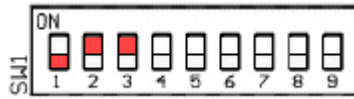
*30 Seconds Delay*



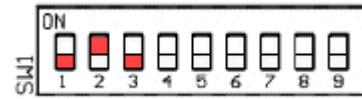
*1 Minute Delay*



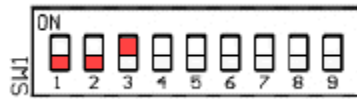
*2 Minute Delay*



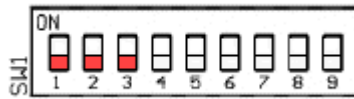
*5 Minute Delay*



*10 Minute Delay*



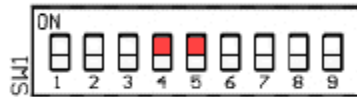
*15 Minute Delay*



*20 Minute Delay*

## Day/Night Operation Settings

Switches 4 and 5 control Daylight, Night Time, and 24 Hour recording or pictures.



*24 Hour Operation*



*Night Only Operation*

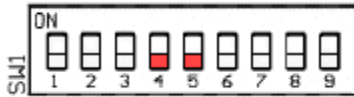


*Day Only Operation*

## 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.

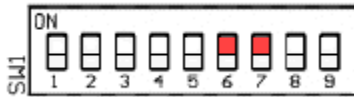
**Note:** To put the PixController back into "Photo Taking Mode" change the switch settings of switch 4 and 5 to one of the three options above under the Day/Night Operation Setting, and power the PixController unit Off and On from the external power switch.



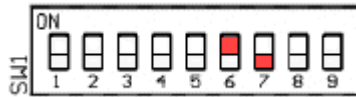
*PIR Walk-Test Mode*

## Device Power on time

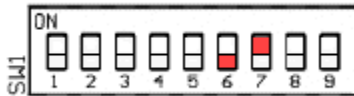
Switch 6 and 7 sets the power on times of the external device on a PIR event.



*30 Seconds or as long  
as motion is present*



*1 Minute*



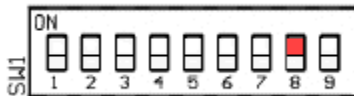
*2.5 Minutes*



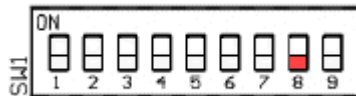
*5 Minutes*

## 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.



## **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.**

## **Wiring Information:**

Upon motion detection the External light port will only be active during darkness, however, the Shutter Contact (J14-1), Refresh Contact(J14-2), and Power Contact (J14-3) will be active the time

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

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

