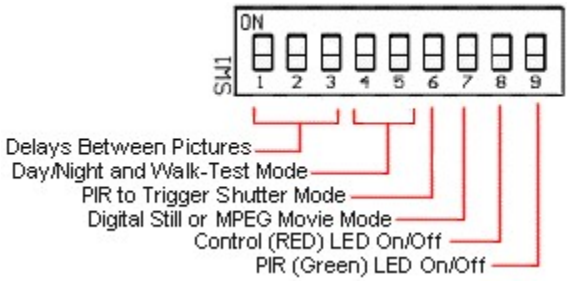
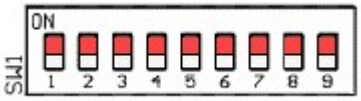
Direct-RSS PixController User Switch Settings

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, 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.



Modes of Switch Operation

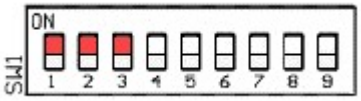
Default Setting



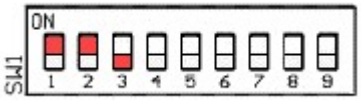
10 Second Delay between pictures, 24 Hour Recording, Normal Shutter Trigger, Capture Still Picture, Control LED On, PIR LED On.

Delays Between Pictures Setting

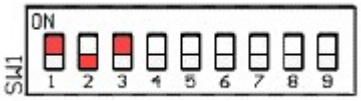
Switches 1, 2, and 3 control the delays between pictures.



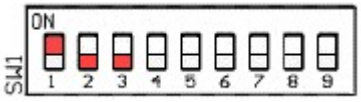
10 Seconds Delay



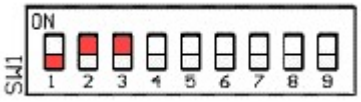
15 Seconds Delay



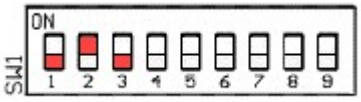
30 Seconds Delay



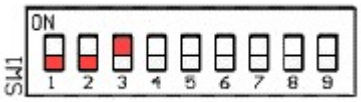
1 Minute Delay



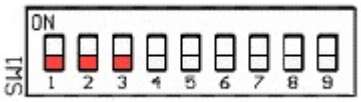
5 Minute Delay



10 Minute Delay



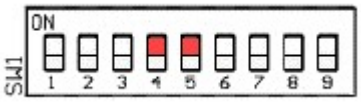
30 Minute Delay



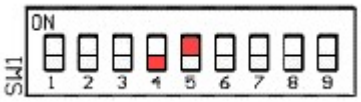
60 Minute Delay

Day/Night Operation Settings

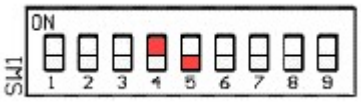
Switches 4 and 5 control Daylight, Night Time, and 24 Hour recording or pictures.



24 Hour Operation



Night Only Operation

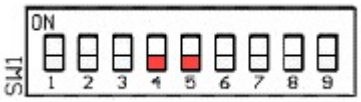


Day Only Operation

PIR Walk-Test Mode

On boot up of the Digital-Scout 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 Digital-Scout 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.



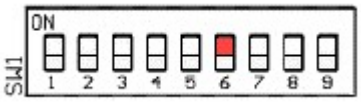
PIR Walk-Test Mode

Shutter Mode Setting

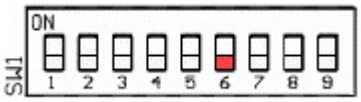
Switch 6 controls how fast the camera is refreshed. When switch 6 is in the UP position this is a normal camera refresh (3.5 hour camera refresh). In this mode it will take the D380 about 3 seconds to shutter a picture on an incoming PIR event. When switch 6 is in the DOWN position the camera will be refreshed once every 2.5 minutes. In this mode it will take the D380 less than a second to shutter a picture on an incoming PIR event.

Note 1: In "Fast Shutter Trigger" 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.



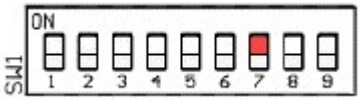
Normal Shutter Trigger



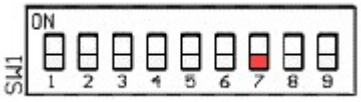
Fast Shutter Trigger

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.



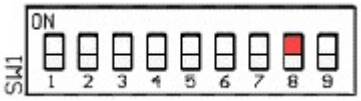
Still Picture Setting



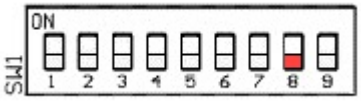
Movie/Double Photo Mode Setting

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.



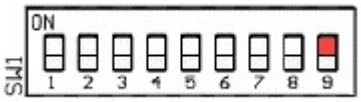
Control LED On



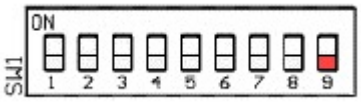
Control LED Off

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 *Pix*Controller 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