



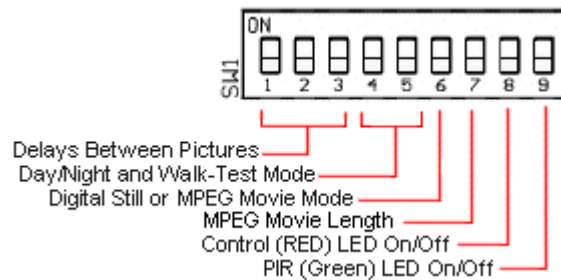
PixController Universal Sony U30/Minolta-U User Switch Settings

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The User Control Switch (SW1) will let you customize your Sony U30/Minolta X20 control board. 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.

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 manual will cover any "pulse power on/off" type digital cameras such as the Sony DSC models and Minolta models. Other cameras can be used with this control chip. Email support@pixcontroller.com or visit our web site at: <http://www.pixcontroller.com> for more information.



Modes of Switch Operation

Default Setting



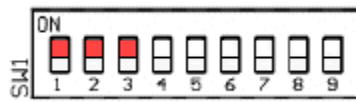
All switches “UP” except switch 9 which is “DOWN”.

10 Second Delay between pictures, 24 Hour Recording, 15 second MPEG movie length, Capture Still Picture, Control LED On, PIR LED On.

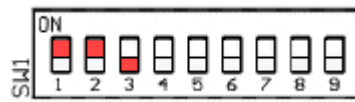
Red indicated the switch position for all graphics below.

Delays Between Pictures Setting

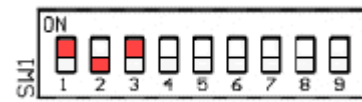
Switches 1, 2, and 3 control the delays between pictures.



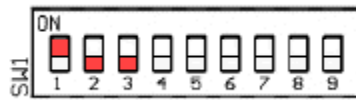
10 Seconds Delay



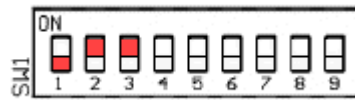
20 Seconds Delay



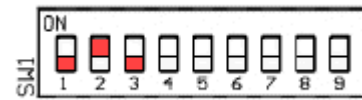
45 Seconds Delay



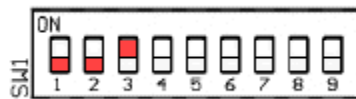
1 Minute Delay



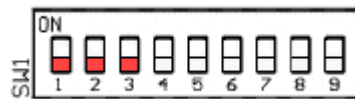
2 Minute Delay



5 Minute Delay



10 Minute Delay



20 Minute Delay

Day/Night Operation Settings

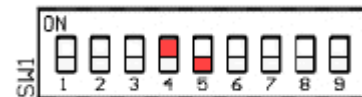
Switches 4 and 5 control Daylight, Night Time, and 24 Hour recording or pictures.



24 Hour Operation



Night Only Operation

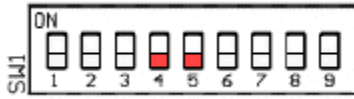


Day Only Operation

PIR Walk-Test Mode

On boot up of the PixController 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 PixController 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.

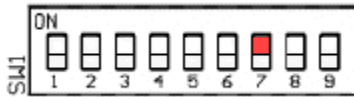
Note: To put the PixController back into “Photo Taking Mode” change the switch settings of switch 4 and 5 to one of the three options above under the Day/Night Operation Setting, and power the PixController unit Off and On from the external power switch.



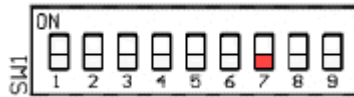
PIR Walk-Test Mode

Picture Capture Setting

Switch 6 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 15-20 seconds for movie taking, or taking another still photo seconds after the first photo.



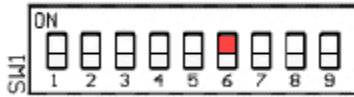
Still Picture Setting



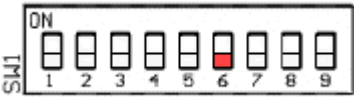
Movie/Double Photo Mode Setting

Movie Length

Switch 7 sets the length of the movie captured.



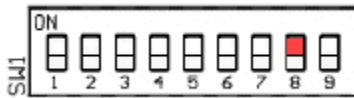
15 second movie



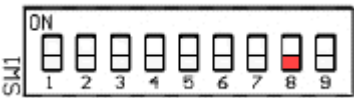
20 second movie

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.



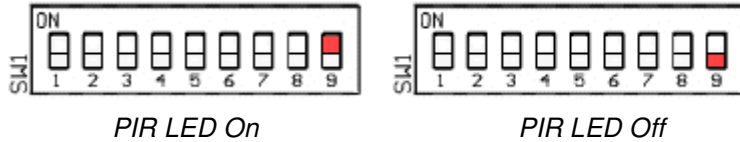
Control LED On



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.

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