This document covers the various types of motion-activated camcorder recording units PixController, Inc. has designed over years. This document will cover 3 different versions:

1. **Standard LANC System with IR Array** – This system works with an internal motion sensor which will connect to the camcorder via a LANC interface. The system also includes an external IR array which will be powered on at night if the camcorder has the Sony NightShot feature. Typically we have used the Pelican 1300 case with an internal 12V battery for the IR array for these setups, but case size will depend on the camcorder used. This system will need to have the camcorder setup in NightShot mode all the time, which may not work well for day use.

2. **Remote Wireless Motion Sensor System** – This system is the same as the above system except that this system uses our wireless remote motion sensors. The advantage of this system is that you can cover a larger sensing area with more than one sensor, and there is no limit to the number of sensors that can be used. It can also be setup to trigger more than one camera at a time to get different camera angles of the same target. Lastly, the sensors can be used in a trail situation where you can place one sensor up the trail, one down the trail, and one in front of the camera to pre-trigger the system. This will start the camera recording before the target comes into view.

3. **VTR System – Day Camcorder Camera Recording/Night VTR Mode with IR Camera Recording** – This system can be designed with an internal motion sensor or with the external motion sensors. This uses a external IR camera instead of an IR array and will switch the camcorder between camcorder mode at day to VTR mode at night. In day mode it will use the camcorder optics and at night it will use the IR camera in VTR mode. This setup gives you the best day recording and best night recording option. All system can be setup to wire extra IR arrays if needed. We can also design wireless IR array systems too.

PixController, Inc.
1056 Corporate Lane
Export, PA 15632
724-733-0970   www.pixcontroller.com
1. Standard LANC System with IR Array
2. Remote Wireless Motion Sensor System
Bottom of case

MIC Connection (3.5mm)

12V DC Power (7.1mm center positive)
IR Array or Halogen Light
3. VTR System – Day Camcorder Camera Recording/Night VTR Mode with IR Camera Recording