

Introducing the NanoBiscuit

The NanoBiscuit is a brand new, ultra low power web cam documentation solution. The Nano cuts down on power consumption but also was designed with cost in mind. Incorporating a Windows XP computer, a professional quality high-resolution digital camera, and the highly customizable VM95 software, the system can perform tasks that are not available in other products. Specialized software routines allow for maximum efficiency to save precious battery life thereby reducing the need for large solar panels.

Configurations

❖ **Cameras Models Supported**

- Canon Powershot SX100is – 8MP, 10X optical zoom
- Canon G7 – 10 MP, 6X optical zoom
- Canon G9 – 12 MP, 6X optical zoom
- Canon S5is – 8 MP, 12X optical zoom with Image Stabilizer
- Canon EOS Digital Rebel XT – 8.0MP EF Lens compatible
- Canon EOS Digital Rebel XTi – 10.0 MP

❖ **Pan & Tilt Control**

- Precision pan & tilt unit with accuracy of 0.1° or greater and control circuitry allows beautiful panoramic views.
- Fully programmable with the included VM95 Software

❖ **Security and Live Video**

- This option is for those who need to record continuous video for security purposes and/or need to view a live camera view over the internet. We have two cameras for this option:
 - Sony FCB-EX980SP – VGA resolution 26X zoom 2lux requires external housing
 - Sony FCB-IX11AP – VGA resolution 10X zoom 1.5lux
- The Sensoray 311 frame grabber is our video capture board. It can also be added to any unit with a digital camera to see live "through the lens" video.

❖ **Harsh Environments**

- Wiper/washer unit available. Wiper integrated into the camera housings and fully controllable and schedulable with VM95
- Housing heaters available

❖ **Wireless Internet Connections**

- Wireless bridge kit available to send a broadband Ethernet where cables cannot reach
- Option for cellular data modems for most major carriers



Quick System Specs

- ❖ The Nano comes standard with a fixed mounted camera housing. Pan & Tilt Upgrade is available.
- ❖ See configurations for available cameras.
- ❖ Each unit is powered by an embedded single board computer running under Windows XP.
- ❖ An 80GB hard disk comes standard providing room for years worth of photo quality images. A 40GB Backup drive is included.
- ❖ In-house developed hardware provides watchdog reboot functions and continuous voltage and temperature monitoring and overall failsafe hardware operation.
- ❖ The flexible VM95 software enables every unit with intelligent scheduling capability and unrivaled control of the attached cameras.

