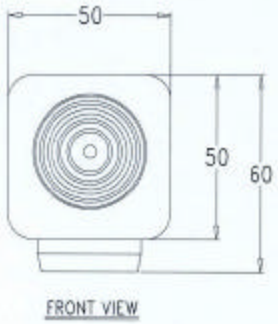
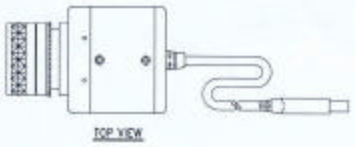
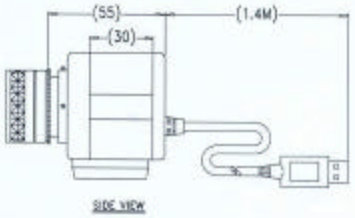
U-100 USB CAMERA

DIMENSION







▣General Feature

-No external Frame Buffer
-Built in USB FIFO
-Built in strip Buffer

▣Image Processor

-Edge detection and enhancement
-Auto exposure and white balance
-Back light compensation
-Missing pixel interpolation
-Gain offset control for RGB and YUV
-Programmable Hue, saturation, and Contrast
-Programmable LUT for gamma correction

▣Reliability

-With the use of high quality parts and durable CCD, a long trouble-free operation of the camera is assured.

▣Shock Resistant

- High quality PCB with the new high tech surface mounting technology insures resistance from shock as well as vibration.

SPECIFICATION

IMAGING ELECTRONICS	Image sensor 1/4" progressive scan CCD 736(H)*490(V) 300(H)*480(V) TV lines for progressive scan and 350 TV lines for interlace scanning Picture Resolution Still : one shot button switch Video : QCIF 176*144 CIF 352*288 320*240 VGA 640*480 Signal to noise ratio : 46dB Video color format : YUV 8Bit White balance and exposure : Automatic
INTERFACE	Computer Interface and cable : Universal serial bus(USB) interface with1.5M cable Power :USB interface supplies power (5v,500mA)
AMBIENT TEMPERATURE	Operation -10。C ~ +60。C In storage -30。C ~ +80。C
WEIGHT	35g

LABELLING REQUIREMENTS

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operations.

INFORMATION TO THE USER

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.