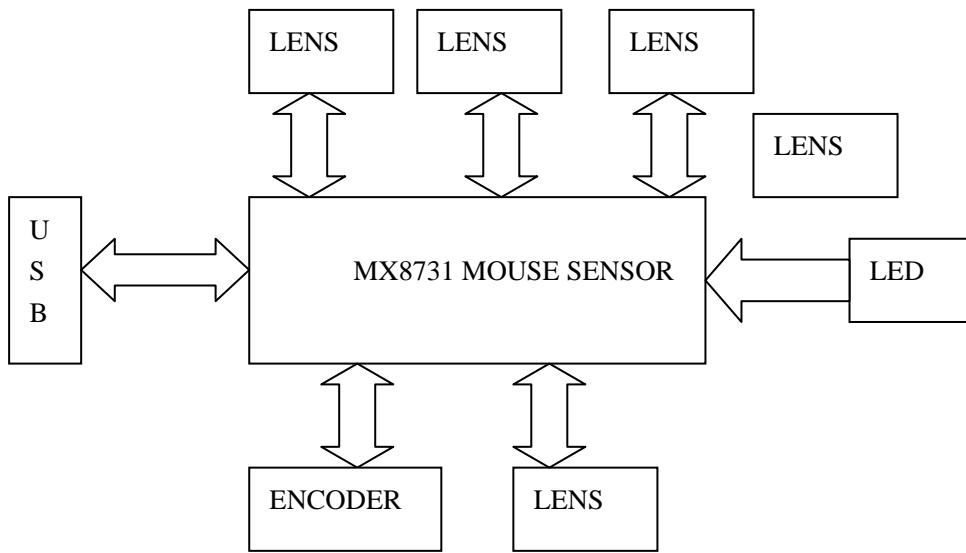


# MO-345 Operation Description



Principle of work:: Has a light emitter diode in the optical mouse interior, sends out the optical fiber through this light emitter diode, illuminates the optical mouse base surface, then part of optical fibers which reflects the optical mouse base surface, passes through group of optical lens, transmits the AX8731 light induction component (micro imager) in the image formation. Thus, when the optical mouse moves, its motion path then by the record will be a group of high speed photography coherent image. Finally using an optical mouse interior's special-purpose image analysis chip (MX8731DSP, namely digital microprocessor) to moves a series of images which in the path absorbs to carry on the analysis processing, through the characteristic point position's change carries on the analysis to these images on, judges mouse's travel direction and the motion distance, thus completes the cursor the localization.

RB LB MB the ENCODER pressed key's function is mainly establishes the good code by MX8731 internal MCU,