

## Appendix 6. Operational Description

### **Operational Description**

The optical mouse sensor, PAN3501UI-P2 is detecting motion of mouse by using technology of optical motion estimation and included cmos image sensor.

The signal detected by digital processing signal module of PAN3501UI-P2 is processed.

This signal is transmitted to usb data and outputted by usb mouse controller.

The outputted signal is operating to usb driver of computer through usb interface cable.

# Technical description

## System Requirements

- Windows® XP, Vista™
- 1 USB port
- CD-ROM drive

## Technical Specifications

- Image Processing: 5.8 megapixels/second
- Resolution: 1800-dpi native, adjustable to 400- and 800-dpi
- Acceleration: 15-g
- Throughput: 16 bit/axis USB data format, and 125/sec  
USB report rate

## Package Contents

- HS-M3700A Optical Mouse
- CD with software
- Quick Start guide
- 3-year warranty