

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 translated to usb data and outputted by usb mouse controller.

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

The AU6350 included in card reader is IC chip supporting usb 2.0 hub and reader simultaneously.

This card reader is reading data storing in SD card and translated the data to comply with usb 2.0.

The translated signal is working to usb driver of computer through usb transceiver.

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

- M3800 Optical Mouse
- CD with software
- Quick Start guide
- 3-year warranty