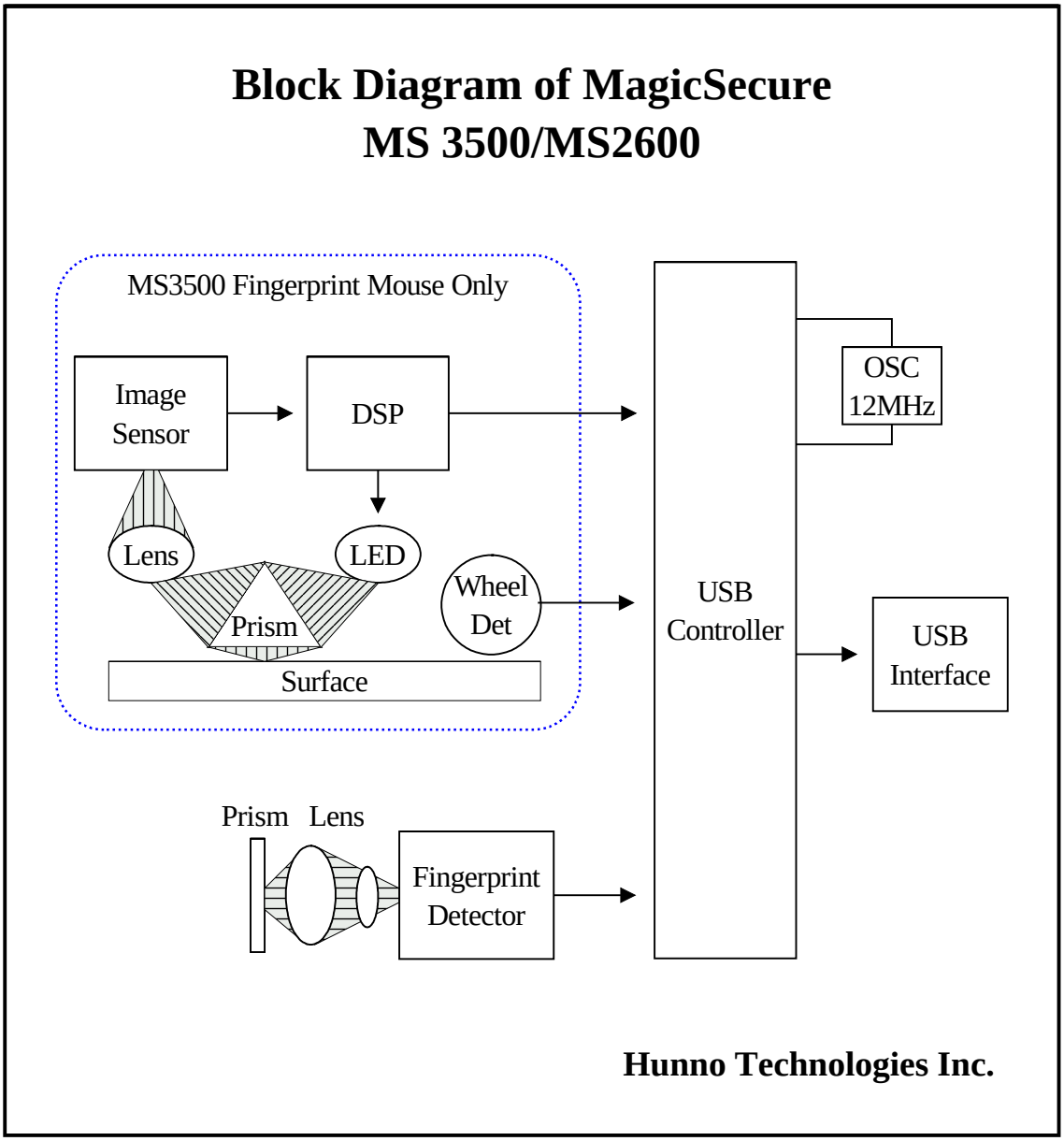Appendix A - Schematics/Block Diagram