

NIDS DisplayCard

Normative References and Certifications



Industry References & Test Methods

- ISO 7810, Identification cards – Physical Characteristics
- ISO 7811-2, Recording technique – Magnetic stripe, Low Coercivity
- ISO 7811-6, Recording technique – Magnetic Stripe, High Coercivity
- ISO 14443-1, Contactless Integrated Circuit Cards, Physical Characteristics
- MasterCard Card Quality Management (CQM)
- NCITS 322: 2002, Card Durability Test Methods
- IEC 60068-2-1, Environmental Testing – Test Aa Cold
- IEC 60068-2-6, Environmental Testing – Test Fc Vibrations
- IEC 60068-2-14, Environmental Testing – Test N Thermal Cycling
- IEC 60068-2-18, Environmental Testing – Test R Water Resistance
- IEC 60068-2-78, Environmental Testing – Test Cab Damp Heat Steady State

Product Certifications

UL Marking

- UL 60950-1 - Safety
- CAS C22.2 No. 60950-1 – Canada Safety
- IEC 60950-1 – CB Scheme



CE Mark

- EN 55024 – Immunity Characteristics
- EN 55022 – Radio Disturbance Characteristics
- EN 61000-6-3 – FCC Part 15, Subpart B CFR47
- EN 61000-4-2 – Electrostatic Discharge (ESD)
- EN 61000-4-3 – Radiated Immunity
- EN 61000-4-8 – Power Frequency Fields



200 Series

Common Criteria EAL 5+

NIDS References & Test Methods

- NID P34, Postal Sorter Simulation
- NID S08, Enhanced ESD Resistance (+/-15Kv)
- Product Operating Temperature - 0°C to +45°C

Battery Testing

- Capacity Measurement Test @ 5mA, 2Ma, 0.5mA, 0.2mA
- Pulse Power @ 100%, 75%, 50%, 25% of charge
- Shock Test
- Vibration Test
- Free-Fall Test
- High Temperature Storage Test
- Thermal Shock Test
- Altitude Simulation Test
- Thermal Exposure test
- Temperature Cycling
- Battery Shelf Life @ 45°C

Environmental References & Criteria

RoHS Compliant

Battery Directive 2006/66/EC



Swiss Headquarters

Crêt-du-Loche 10, PO Box 1161
La Chaux-de-Fonds, NE 2301, Switzerland
Tel : +41 32 924 0404, Fax: +41 32 924 0400
Email : info@NIDsecurity.com

U.S Offices

8615 Washington Blvd, Los Angeles, CA 90232, USA
Tel : +1 310 841 2939, Fax: +1 310 841 2979
Email : info@NIDsecurity.com

For additional information, visit www.NIDsecurity.com