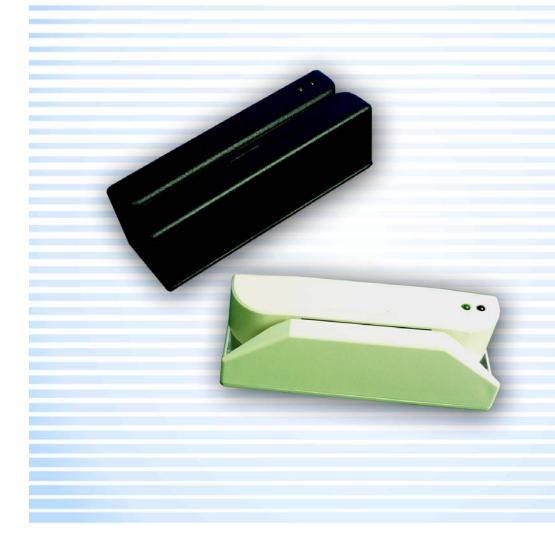
Mini and Compact Magnetic Stripe Card Reader



TMSR / MMSR Series



Program the Reader by software utility, Easy to use.

FEATURES

- Software utility setting, easy to use
- Bi-directional card swipe and read capability
- Software and hardware modification is not required
- Single, dual and triple track(s) decoding, meet with ISO and JIS standards
- Power up diagnostics
- Card read confirmation by beep sounds
- Magnetic head life : 300,000 passes minimum, 1,000,000 passes version can be requested
- Super low power consumption model(<20mA) is upon request
- Color option : beige or black
- Three kinds of cable outlet option: keyboard wedge, RS-232 serial, or USB
- Selectable software settings for carriage return, sending start/stop byte, intercharacter delay



SPECIFICATIONS

| Electronics | |
|-----------------------|---|
| Power supply | +5VDC ± 10% |
| Current consumption | <100mA |
| Interface | Keyboard Wedge, RS-232, or USB |
| Swipe Function | |
| Swipe Method | F2F (two-frequency coherent phase) complied with ISO and JIS standard |
| Swipe Speed | 5 to 60 inch/sec. |
| Card Standard | Track 1, IATA Standard |
| | Track 2, ABA Standard |
| | Track 3, THRIFT Standard |
| | JIS- II, JIS x 6301 Standard |
| Card Density | Track 1······.79 characters (7 bit code) |
| | Track 2······.40 characters (5 bit code) |
| | Track 3107 characters (5 bit code) |
| | JIS-II ······ |
| Physics | |
| TMSR Size | 96.5mm(L) x 30.5mm(W) x 32.2mm(H) |
| Weight | 101.3g |
| Cable length | 1.5M |
| Head life | 300,000 pass minimum |
| | 1,000,000 passes version can be requested |
| MMSR Size | 100mm(L) x 33.8mm(W) x 28.3mm(H) |
| Weight | 118.9g |
| Cable length | 1.5M |
| Head life | 300,000 pass minimum |
| | 1,000,000 passes version can be requested |
| Others | |
| Storage temperature | -20° C to $+60^{\circ}$ C |
| Operating temperature | 0° C to $+50^{\circ}$ C |
| Operating humidity | 20% to 90% |



Models

