



Card Solutions For A Better World

# MODEL: SUNLIGHT SATURN Desktop ID Card Printer



## FLEXIBILITY AND SECURITY COME STANDARD IN CARD PRINTING

**THE SUNLIGHT SATURN** is a fast, versatile, yet affordable card printer. It can be configured with a variety of available options such as magnetic stripe encoding, smart chip and contactless encoding to enable personalization of any type of card, from the simplest to the most complex. Its compact footprint and optional two input hoppers makes it one of the most versatile card printers in the market.

**THE SUNLIGHT SATURN** is available in Single Side and Dual Side versions, ideal for small to medium size card printing jobs.

### PROFESSIONAL PRINTING

SUNLIGHT SATURN card printer prints in high 300 dpi resolution with excellent printing quality. As a result of extensive R&D and attention to detail in the manufacturing process, the image reproduction is crisp and vivid both in colour and monochrome.

### COMPACT DESIGN

With a small footprint, the SUNLIGHT SATURN is easy to deploy in any operating environment. Additionally, it is light weight and cost effective to ship with reduce impact on the environment.

### HIGH THROUGHPUT

The single side version prints up to 200 full colour cards per hour, the dual sided version prints up to 140 full colour cards per hour.

### DUAL INPUT HOPPER

The SUNLIGHT SATURN can be configured with a DUAL input hopper; a total of 200 blank cards can be loaded for extended print runs. The dualinput hopper can also be configured for random feeding of two different card types thus offering maximum flexibility in multi-card printing applications.

### UPGRADEABLE

New functions and features can be added to the card printer anytime to meet the changing needs of printing and personalization requirement. The printer can be upgraded from single to dual side printing, magnetic stripe, smart chip or contactless encoding as well.

### PHYSICAL SECURITY

The SUNLIGHT SATURN is equipped with security lock & Kensington security system which provide higher level physical security and peace of mind.



## FEATURES & SPECIFICATIONS

### PRINTER FEATURES

- Direct to Card Dye Sublimation Technology
- Resin thermal printing
- Single side Or Dual side printing
- Option hopper for 2<sup>nd</sup> type of cards
- Near edge to edge printing
- Full colour & Monochrome print capability
- Resolution 300 dpi / 16.7 million colour
- Internal Printer Memory 128MB

### CARD FEATURES

- Card material: PVC / Composite PVC
- Thickness: 0.4mm to 1.2mm
- Card format: ISO CR80 7810 (53.98 Height x 85.60 width)
- Capacity: Input hopper 100 cards
- Dual Hopper: Up to 200 cards
- Output hopper: 60 cards
- Single feed: 1 card manual slot input

### CONSUMABLES

- Ribbon YMCKO x 200 prints per roll
- Ribbon YMCKO-K x 170 prints per roll
- Ribbon Monochrome x 1000 prints per roll
- Ribbon Monochrome type available
- Black / White / Gold / Silver /
- Auto RFID of ribbon type

### PRINT SPEED

- Full colour printing:
- Single Side: 180 ~ 200 cards per hour
- Dual Side: 100 cards per hour
- Monochrome printing: 800 cards per hour

### ENCODING MODULE (OPTION)

- ISO Magnetic stripe encoding
- ISO 7811 (Track 1,2,3) Coercivity: HiCo & LoCo
- Non ISO magstripe JIS2 on request
- Contact smart encoding
- ISO 7816 / EMV Livello 1 (PS/SC & Serial)
- Contactless RFID smart encoding
- ISO 14443 A/B, ISO 15693, Mifare

### INTERFACES

- USB 2.0 (High Speed)
- Built In 10/100 Ethernet
- WIFI (Optional)

### DISPLAY

- 4 line LCD Printer status display
- LCD notifications of low ribbon, empty input hopper etc

### DRIVER & SOFTWARES

- Operating System: Win 7/8/10
- Window 2003/2008 Server
- Software: Rainbow / Card Designer
- Fonts: True Type Fonts via window driver

### OPERATING ENVIRONMENT

- Min/Max operating temperatures: (5°/40°C) / (41°/104°F)
- Humidity: 20% to 60% non-condensing
- Min/Max temperatures (-10°/60°C) (14°/140°F)
- Storage humidity: 20% ~ 70% non-condensing

### POWER

- Input: AC 100~240V / 50/60Hz
- Output: DC 24V, 2.5A

### PACKAGING CONTENT

- Printer & Quick Start Manual
- CDROM (Driver/Software/User Manual)
- USB Printer Cable
- Power Adaptor Supply & Cord

### PRINTER DIMENSIONS

- Dimension: SINGLE Card Feed Model
- 305.6mm(L) x 184 (W) x 228(H) in mm
- Weight: 3.7 kg (exclude box)
- Dimension: Multi Card Feed Model
- 366mm(L) x 184 (W) x 228(H) in mm
- Weight: 4.5 kg (exclude box)

### SECURITY

- Kensington physical lock slot
- Hopper Lock Dual Side (Option)
- Top Cover Lock for Ribbon (Option)

### CLEANING KIT (OPTIONAL)

- Pre-moisture cleaning card with alcohol in packing of 10 individual packs.

### WARRANTY

- Printer – 2 years subject mfg defects
- Print head – 2 years subject to mfg defects. (Scratch not included)

### CERTIFICATION

- FCC Class A, CE (EN550022 Class A)
- EN550024, CCC, KCC, Energy Star, RoHs



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