SunLight Saturn

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 encoding, 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-sided and dual-sided versions, ideal for small to medium sized card printing jobs.

PROFESSIONAL PRINTING
THE SUNLIGHT SATURN, prints in high 300 dpi resolution, edge-to-edge, 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 color and monochrome.

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 dual input hopper can also be configured for random feeding of two different card types thus offering maximum flexibility in multi-card type printing applications.

COMPACT DESIGN
Featuring 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 a reduced impact on the environment.

UPGRADEABLE
New functions and features can be added to the SUNLIGHT SATURN anytime in the field, to meet new or changing printing or personalization requirements. The printer can be upgraded from single-sided to dual-sided and magnetic stripe encoding, smart chip encoding and contactless encoding in the field.

HIGH THROUGHPUT
THE SUNLIGHT SATURN single-sided version prints up to 200 full color cards per hour, the dual-sided version prints up to 140 cards full color cards/hour.

PHYSICAL SECURITY
THE SUNLIGHT SATURN is equipped with security locks and a Kensington Security System which provides a higher level of physical security and peace of mind compared to traditional card printers.

CIM
CARD IMAGING MASTER

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DUAL HOPPER

Rainbow LIGHT SOFTWARE

FEATURES AND SPECIFICATIONS

PRINTER FEATURES
✓ Direct-to-card Dye-sublimation Resin thermal transfer
✓ Single-Sided or Dual-Sided printing
✓ Additional hopper for the 2nd type of cards or the extend
✓ Edge-to-Edge printing
✓ Full-color and monochrome printing capability
✓ Resolution 300 dpi (11.8 dpm) 16.7 Million Color
✓ Internal memory 128 MB

CARD FEATURES
✓ Material: PVC and composite PVC Cards
✓ Thickness: 0.4mm ~ 1.2mm card
✓ Format: ISO CR80-ISO 7810 (53.98mm x 85.60mm)
✓ Capacity
  - Input hopper: 100 cards (0.76mm) up to 200 cards with dual hopper option
  - Output hopper: 60 cards (0.76mm)
✓ Single feed: 1 card input
Input and output hoppers are available only for multiple cards feed version.

CONSUMABLE
✓ Ribbon YMCKO: 200 prints/roll
✓ Ribbon YMCKO-K: 170 prints/roll
✓ Ribbon Half YMCKO: 400 prints/roll
✓ Ribbon KO: 500 prints/roll
✓ Monochrome ribbon: 1000 prints/roll
✓ Monochrome ribbon type (Blue, Red, White, Metallic Gold, Metallic Silver)
✓ Automatic identification of ribbon type and set up

PRINTING SPEED
✓ Full-Color Printing:
  - Single-Sided: 180 ~200 cards/hour
  - Dual-Sided: more than 100 cards/hour
✓ Monochromatic printing: 800 cards/hour

ENCODING MODULE (OPTION)
✓ Magnetic Stripe encoding
  - ISO7811 (Track 1,2,3),Coercivity : HiCo & LoCo
  - JIS II at Non-ISO mag. stripe encoding upon request
✓ Contact smart card encoding
  - ISO7816
  - EMV Livello 1 (PS/SC, serial)
✓ Contactless smart card encoding
  - ISO 14443 A/B, ISO 15693, Mifare
Other types upon request.

INTERFACES
✓ USB 2.0 (High-Speed)
✓ Built in 10/100 Ethernet (optional)
✓ WIFI (optional)

DISPLAY
✓ 4 line LCD indicates status of printer
✓ LCD notifications of empty/low level ribbon, empty input hopper, error

DRIVER & SOFTWARES
✓ Operating system
  - Windows Vista, Windows 7, 8, 10
  - Windows 2003/2008 server
✓ Software: Rainbow Light, Card Designer
✓ Font: True Type via Windows Driver

OPERATING ENVIRONMENT
✓ Min/Max operating temperature (5°/40° C), (41°/104° F)
✓ Humidity: 20% to 65% non-condensing
✓ Min/max storage temperature (-10°/60° C), (14°/140° F)
✓ Storage humidity: 20% to 70% non-condensing

POWER
✓ Input : AC 100V~240V, 50/60hz
✓ Output: DC 24V, 2.5A

PACKAGING CONTENT
✓ Printer and Quick Start Manual
✓ CD-ROM (driver, software and user manual)
✓ USB printer cable
✓ Power supply and cord

PRINTER DIMENSION AND WEIGHT
✓ Dimensions
  - Single card feed: 305.6 (L) x 184 (W) x 228 (H) mm
  - Multiple cards feed: 366 (L) X 184 (W) X 228 (H) mm
✓ Weight
  - Single card feed: 3.7 kg
  - Multiple cards feed: 4.5 kg

SECURITY
✓ Kensington® physical lock slot
✓ Hopper lock (Dual-Sided) - optional
✓ Top cover lock (ribbon lock) - optional

CLEANING KITS (optional)
✓ Standard Kit (TCard 2 pcs, CR-80 Cleaning Card 2 pcs, Alcohol Swab 3 pcs)
✓ Advanced Kit (Hard 3 pcs, CR-80 Cleaning Card 5 pos, Alcohol Smb 7 pcs, Thermal Cleaning Pen 1 pcs)
✓ CR-80 Cleaning Card, Thermal Print Head Cleaning Pen

WARRANTY
✓ Printer 2-years
✓ Printer Head 2-years

CERTIFICATIONS
✓ FCC Class A, CE (EN 55022 Class A, EN 55024), CCC, KCC, Energy Star, RoHS

PERSONALIZED COVER
✓ Custom graphics cover (optional)

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