SunLight^{Lux}

Discover a New Light in Card Printing

the only solution for all your card printing needs

The SUNLIGHT LUX is the ideal solution for any plastic card personalization needs. It produces high quality graphics, text, and barcodes, and is available with options for secure smart card and magnetic stripe encoding.

The **SUNLIGHT LUX** printing system has proven functionality and offers significant advantages in terms of ease-of-use, reliability and eco-friendliness. In particular, the 32 MB internal memory significantly increases printing speed.

The **SUNLIGHT LUX** printer is ideal for small and medium sized businesses looking for a card printing and encoding solution that offers high performance, is professional and secure, while still user-friendly.

The **SUNLIGHT LUX** boasts a modern, compact, sleek design, allowing for ease of accommodation with any desktop configuration.

SINGLE OR DUAL-SIDED

SINGLE-SIDE printing gives you the ability to print cards one side at a time, ideal for low volume production needs.

For larger volume requirements, the optional *DUAL-SIDED* printing module provides front and back printing, all in one pass.

HIGH QUALITY PRINTING

The *SUNLIGHT LUX* prints high resolution edge-to-edge text, graphics and bar codes in full-color or black and white.

EASE OF USE

The intuitive user-friendly design allows for easy setup, loading and operation for improved efficiency. The all-in-one print ribbon and card cleaning cartridge makes the ribbon loading process simple.

CONNECTIVITY

The *SUNLIGHT LUX* comes standard with USB port and is available with optional Ethernet interface. The printer can be connected to a PC using the USB port or shared on a network using the Ethernet connectivity.

ENERGY STAR CERTIFIED for EFFICIENT ENERGY CONSUMPTION. Issued to devices with a consumption of energy lower than the level required by government standards.

COLOR CHANGING STATUS BUTTON

System Alert status through color-coded status buttons. Color will change from blue to red when the printer requires user intervention (out of cards, ribbons, or any other problem the printer is experiencing).

CARD THICKNESS

The SUNLIGHT LUX can handle a variety of card thicknesses to satisfy all needs, starting from 9 mil - 40 mil.
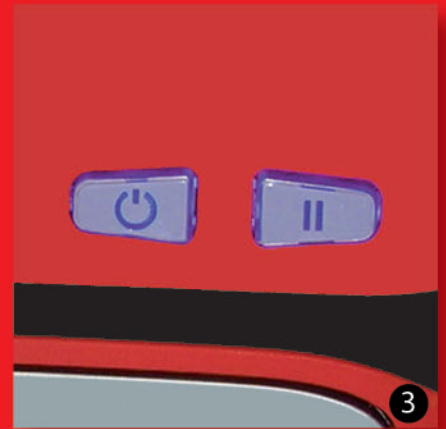
SMART CARD APPLICATION

The SUNLIGHT LUX can support most smart card encoding options you may need such as contact, contactless and proximity for access control or other applications.

FUTURE UPGRADES

The wide range of modules allows organizations to upgrade based on future needs. The SUNLIGHT LUX can support any additional features needed, such as Ethernet connectivity, personalization of magnetic stripe, proximity, contact and/or contactless card technology, and a flip-over module to upgrade from SINGLE-SIDED to DUAL-SIDED printing.

SOFTWARE

The SUNLIGHT LUX comes bundled with **Rainbow Light** software for easy card layout and data management.

1 - EASY LOAD system

2 - Input hopper

3 - Color changing status button

4 - Output hopper DUAL-SIDED

5 - Output hopper SINGLE-SIDED

SUNLIGHT LUX

PRINT SPECIFICATION	
Technology	Dye-Sublimation / Thermal Transfer
Resolution	300 dpi (11.8 dots/mm)
Colors	Up to 16.7 million / 256 shades per pixel
Print Speed*	7 seconds per card (K)
	12 seconds per card (KO)
	24 seconds per card (YMCKO)
	31 seconds per card (YMCKOK)
Print Area	CR-80 edge-to-edge (L 85.3 mm x W 53.7 mm / L 3.36″ x W 2.11″)
	CR-79 (L 83.8 mm x W 51.8 mm / L 3.3″ x W 2.04″)
Standard Card	CR-80 (L 85.6 mm x W 54 mm / L 3.375″ x W 2.125″)
Sizes	CR-79 Adhesive Back (L 84.1 mm x W 52.4 mm / L 3.313″ x W 2.063″)

CARD SPECIFICATION	
Card Thickness	0.229 mm - 1.016 mm / 0.009″ - 0.040″ / 9 mil - 40 mil
Card Types	PVC, PVC composite
	rewrite
Input Hopper	100 cards (0.762 mm / 0.030″)
Output Hopper	Up to 100 cards (0.762 mm / 0.030″)
Card Cleaning	Card cleaning roller included in ribbon cartridge

SOFTWARE AND INTERFACE	
Software Drivers	Windows® XP / Vista™ (32 bit & 64 bit) / Server 2003 & 2008 / Windows® 7 / Linux
Interface	USB 2.0, optional Ethernet with internal print server
Memory	32 MB RAM
Software	Rainbow Light included, Cim Workbench Diagnosis utility

OPTIONS	
Smart Card	125 kHz (HID Prox) reader- OMNIKEY 5125
Encoding	13.56 MHz (iCLASS®, MIFARE®, ISO 14443 A/B, ISO 15693) read/write encoder - OMNIKEY 5121
	Contact Smart Card Encoder I ISO7816 1/2/3/4
Magnetic Stripe	ISO Magnetic Stripe Encoding, dual high- and low-coercivity
Encoding	Tracks 1, 2 and 3
Other Options	Ethernet
	Dual-Sided Printing Module

GENERAL FEATURES	
Operating Temperature	18° to 27° C / 65° to 80° F
Humidity	20–80% non-condensing
Dimensions	Single-Sided: H 249 mm x W 460 mm x D 234 mm / H 9.82" x W 17.6 " x D 9.2"
	Dual-Sided: H 249 mm x W 475 mm x D 234 mm / H 9.82" x W 18.7 " x D 9.2"
Weight	Single-Sided: 3.63 Kg / 8 lbs
	Dual-Sided: 4.54 Kg / 10 lbs
Agency Listings	UL 60950-1, CSA C22.2 (60950-1), and CE; FCC Class A, CRC c1374, CE (EN 55022 Class A, EN 55024), BSMI, KCC, CCC
Supply Frequency	50 Hz / 60 Hz
Warranty	Two years
Display	Color changing status buttons

*The estimated print speed does not include encoding time and time required by the computer to process the card layout, that depends on various factors not related to the printer.

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