

SP400X Imprinter

POWERFUL PERFORMANCE FOR LOGISTIC OPERATIONS



handheld

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The SP400X™ is the first and only scan-and-print solution to integrate 2-D imaging, inkjet printing and wireless communication in one device. It's designed to simplify high-volume logistic operations centers and postal services that use manual scanning and labeling to sort packages.

The SP400X is an ideal solution for warehousing, package delivery and other logistic-type industries. This portable, robust, easy-to-use and high-performance printing solution prints directly to packages or other surfaces, eliminating the cost and time required for separate printed labels.

The SP400X is based on patents and technology that is licensed from HP, a global leader in printing and imaging. And, the device uses genuine HP inkjet cartridges, assuring a clean and highly-legible print each and every time.

The lightweight SP400X can complete more than 1,250 scans and prints per hour, scanning and printing at speeds as fast as two seconds per cycle. It operates on a lithium-ion battery capable of delivering up to 7,000 scans and prints per charge. Its 2.5 cm cube print cartridges are designed to output thousands of 0.53" x 2" (1.5 cm x 6 cm) prints. Wi-Fi compatibility integrates the device seamlessly into existing IT environments, allowing it to communicate directly with your back-end system in real time. And for ultimate efficiency, the SP400X prints directly onto packaging, so it costs less and produces less waste than thermal label printing.

To operate the device, a user aims the SP400X's scanner at a 1-D or 2-D barcode, postal code or OCR code to capture supply-chain management information. The SP400X's integrated Wi-Fi sends the imaging data to a warehouse-management system and receives data sent back to the device. Once the new information is received, the user rolls the SP400X across the area to be printed, and the device applies a fast-drying, smudge-free, non-toxic image directly onto any package surface: plain paper, kraft paper, packing tape, coated labels, polypropylene, polyester or polyethylene plastic.

The SP400X Imprinter features a design optimized for ease of use, with hypoallergenic materials for maximum comfort. An IP53 durability rating means this device is protected against dust and water sprays for unimpeded rugged, mobile use throughout supply chain environments.

| | |
|--------------------------------|--------------------------------------------------------------------------------------------------------------|
| Print technology | HP Thermal Inkjet |
| Print speed | Up to 40" (1000 mm) per second |
| Resolution | Mono color: Up to 1200 x 600 dpi |
| Cartridge | |
| <i>Prints per cartridge:</i> | Average of 6,000 prints per cartridge (print defined by specific content) |
| <i>Shelf life:</i> | 12 months |
| <i>In-printer life:</i> | 14 days |
| <i>Color:</i> | Bright magenta for maximum contrast on packaging material |
| Battery | Lithium-ion battery; more than 6,000 scans and prints over 6 hours on a single charge. |
| Connectivity | |
| <i>Interfaces:</i> | Mini-B USB 1.1 full-speed port |
| <i>Wireless interfaces:</i> | 802.11 b/g/n connectivity, WPA-personal, WEP |
| Software included | Setup and maintenance applications. Print template designer. Device drivers. |
| Dimensions (W x L x H) | |
| <i>Finger Unit:</i> | 3.3" x 5" x 2" (84 mm x 127 mm x 51 mm) |
| <i>Wrist (Battery) Unit:</i> | 3.5" x 8" x 2" (89 mm x 203 mm x 51 mm) |
| Weight | |
| <i>Finger Unit:</i> | 13 oz (370 grams) |
| <i>Wrist (Battery) Unit:</i> | 12 oz (340 grams) |
| Scanner | |
| <i>Focal point:</i> | 7" (178 mm) from the lens plate |
| <i>Field of view:</i> | 3.4" (84 mm) vertically and 4.5" (114 mm) horizontally at focal point |
| <i>Depth of field:</i> | 2.1" to 12.8" (53 mm to 325 mm) |
| <i>Decode time:</i> | Less than 100 ms under ideal conditions |
| <i>Image sensor:</i> | 752 x 480 CMOS sensor |
| <i>Motion tolerance:</i> | 4" (101 mm) per second |
| <i>Rotational sensitivity:</i> | 360 degrees |
| <i>Viewing angle:</i> | +/-40 degrees |
| <i>Ambient light:</i> | 0 (total darkness) to 100,000 (full sunlight) lux |
| <i>Illumination LEDs:</i> | 626 nm + 30 nm |
| <i>Aiming LED:</i> | 526 nm + 30 nm |
| User interface | Visual and audible scan and print indicators, two buttons (power, reset); low-ink and low-battery indicators |

Handheld Group AB is a worldwide supplier of rugged PDAs and mobile computers. Together with partners Handheld deliver complete mobility solutions to businesses in industries such as logistics, forestry, geodesy, public transportation, construction, service & maintenance, military and security. The Handheld Group of Sweden has local offices in Sweden, Finland, the Netherlands, Italy, Germany, Switzerland, Australia, UK and the USA.

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Captuvo SL42 Series

Enterprise Sled for Apple® iPhone Fifth Generation

For enterprises looking to extend the capabilities of their employee- or corporate-owned Apple® iPhones®, Honeywell's Captuvo SL42 enterprise sled transforms the popular and familiar smartphone into an enterprise-ready device that provides instant access to critical business information and enables automatic data capture and/or transaction processing right on the spot. By not having to carry a secondary device, the sleek and compact SL42 empowers mobile workers with the tools to be more efficient and productive while improving customer experience.

From a leader in bar code scanning technology, the Captuvo SL42 features an integrated, best-in-class 2D scanner, driven by Adaptus™ Imaging Technology 6.0, delivering fast and accurate reading of linear, 2D and challenging bar codes, including scans from mobile phone screens. Optional TotalFreedom™ scanner software plug-ins improve scanning of direct mark barcodes and other standard 2D barcodes including AAMVA North American drivers licenses and documents. Additionally, an encryption-ready three-track magnetic stripe reader can be integrated, facilitating quick and easy processing of credit card transactions.

When equipped with Honeywell's Remote MasterMind™ 4.0 software, enterprises can remotely manage deployed iPhone® devices and other iOS devices, leading to a lower total cost of ownership. In addition to providing added durability, Honeywell's unwavering commitment to quality assurance and control, and its world-class supply chain deliver peace of mind that is unobtainable from smaller manufacturers, inspiring confidence in an investment in the Captuvo SL42.

Compatibility with the iPhone® provides access to over 525,000 apps on the Apple® App Store, allowing employees to take advantage of all of the productivity enhancing apps available to do their jobs better and in less time.

With enterprises looking to consolidate the number of devices their mobile employees have to carry while trying to improve productivity and enhance customer service, Honeywell's Captuvo SL42 series is the right solution to help enterprises reduce device acquisition costs, empower employees, increase productivity and improve the customer experience.



Features

- **Second-to-None Scanning:** Increases productivity and throughput with an integrated and easy-to-use imager that provides aggressive scanning of linear and 2D bar codes
- **Protective Housing:** Provides added durability to the iPhone, resulting in a solution that is expected to lower the failure rate of customers using competitors' sleds by as much as 80%
- **Optional Security Mechanism:** Secures the Apple® iPhone® in the sled via unique screws, improving overall durability while reducing the likelihood of theft of the iPhone®
- **Optional Encryption-Ready Magnetic Stripe Reader:** With third-party key injection, encrypts cardholder data as the card is swiped, protecting this sensitive data and retailers' reputations, while reducing PCI scope
- **EasyDL™:** Reduces transaction time by 95% by automatically parsing bar code data found on government-issued identification cards for age verification or automatic electronic form population for loyalty, membership or credit applications
- **Powers iPhone:** Provides additional power to the iPhone ensuring maximum uptime

Captuvo SL42 Technical Specifications

Mechanical

| | |
|---------------------------------|----------------------------------------------------------|
| Dimensions (LxWxH) | 143.5 mm x 70.3 mm x 30 mm (5.6" x 2.8" x 1.2") |
| Weight (without iPhone®) | 125g - 139g (4.4 oz - 4.9 oz) depending on configuration |

System Architecture

| | |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device Compatibility | Apple® iPhone® 5 Apple® iPhone® 5s |
| Input Voltage | 5V |
| Interfaces | UART between SL42 Apple® iOS device; USB/UART between SL42 & PC |
| I/O Ports | Custom Mini USB |
| Power Supply | 5V, 1A wall adapter |
| Buttons | Left and right side scan buttons; sleep/wake button (extension of iPhone® button); access to iPhone® Home button |
| Audio | Access to iPhone® 3.5-mm stereo headphone minijack, speaker and microphone |
| Camera | Access to iPhone® front and back cameras |
| Scanner | N5600 Standard range (SR) imager with green LED aimer that comes equipped with Adaptus 6.0 Imaging Technology |
| Decode Capabilities | Reads standard 1D, PDF, 2D, Postal and OCR symbologies |
| Magnetic Stripe Reader | Integrated 3-track bidirectional MSR reader (supports encrypted and unencrypted data output) |
| Swipe Speed | 3 to 75 inches per second |
| Encryption Supported | DES, TDES, AES |
| Key Management Supported | DUKPT |
| Battery | Removable 1150mAh lithium ion battery |
| Number of Scans | Up to 28,000 scans (1 scan per second over 8 hours) |
| Number of Swipes | Up to 28,000 swipes (1 swipe per second over 8 hours) |
| Expected Hours of Operation | 8 hours (Captuvo SL42 + Apple® iPhone®) |
| Expected Charge Time | 6 Hours |
| Development Environment | Captuvo SDK for Apple® iOS 6 |
| Application Software | Available on the Apple® App Store or via 3rd party application developers (visit www.isvstore.com/iosapps for more information) |
| Warranty | 1 year factory warranty |
| Accessories | Standard USB A to Custom Mini USB cable (included), USB wall adapter for US, EU & UK (included), holster, protective rubber boot, wrist lanyard |

Environmental

| | |
|------------------------------|------------------------------------------------------------------------------------------|
| Operating Temperature | 0°C to 35°C (32°F to 95°F) [Operation to -20°C with possible degradation of performance] |
| Storage Temperature | -20°C to 45°C (-4°F to 113°F) |
| Humidity | 5% to 85% relative humidity, non-condensing |
| Drop | Designed to withstand 1.2 m (4') drops to concrete, all axis under room temperature |
| Environmental Sealing | IP30 |
| ESD | ±6 KV Direct & ±10 KV Air |

Apple and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance
For a complete listing of all supported bar code symbologies, please visit www.honeywellaidc.com/symbologies



Legacy Technology Services

Talk to an expert, call

866-271-9891

www.LegacyGlobal.com

About us

- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.
- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

Latest Hardware from top manufacturers

- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

Expert Repair and Maintenance services

- Legacy is one of the largest repair facilities in North America and is an Authorized Repair Center for many manufacturers.

Discontinued product sourcing

- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

Trade-in and Disposal services

- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
 - Data destruction
 - Hardware disposal
 - Auditing services

Dedicated client account team

- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

Equipment rental services

- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.

Some brands and partners



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