



LDS 6500 SC

Hand Held Portable Terminal

InData Systems Self Contained LDS with Covert Fixed Optic

InData Systems **LDS 6500 SC** Portable Terminal is a lightweight and versatile Mobile Computer with a built in optic that provides advanced data collection and real time wireless communication. InData Systems' patented covert **Light Delivery System**, an advanced technology developed as a result of more than 20 years of experience in the area of covert barcode reading, is available in a self contained version. For reading and decoding UV and Infrared fluorescing two dimensional (2D) Matrix symbologies, InData Systems' patented covert **Light Delivery System** 'reads what others cannot see', combining advanced data capture capabilities with linear and 2D bar code scanning, adding digital image capture and intelligent signature capture. InData Systems' **LDS 6500 SC** has all the features and benefits of the Portable Terminal *plus* the capability to see and decode invisible barcodes and capture invisible images contained within a single unit.



Using integrated 802.11b/g wireless connectivity, users can have access to critical data throughout the enterprise, and Bluetooth® connectivity facilitates effective wireless connection to peripheral devices. Designed to optimally read and decode data matrix barcodes, the **LDS 6500 SC** is the terminal of choice for a wide range of applications in retail, supply chain, and industrial environments.

The optical part of the terminal is customized into one of InData Systems' patented wavelength configurations to read 'invisible marks' with any of the covert marking technologies. Covert marks can only be read under special situations but the bulkiness and non portability has restricted their widespread usage until now.

Various wavelengths are available to suit your scanning requirements. For more information on different wavelengths, call or email InData Systems.

- illuminates UV and IR fluorescing inks
- quick decoding of multiple code types
- new class leading microprocessor (Marvel XScale PXA300)
- scans applications continuously for 10 hours or more
- Adaptus Imaging technology 5.0

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LDS 6500 SC Technical Specifications

Specifications


System Architecture:

Processor:	Marvell XScale PXA300 624 MHz
Operating System:	Microsoft [®] Windows CE 5.0
Memory:	128 MB RAM X 128 MB Flash
Display:	3.5 in. transreflective active matrix 65k color LCD with backlight, QVGA (240 x 320)
Keypad:	28 key numeric with shifted alpha and backlit keys 52 key full alphanumeric with backlit keys
Audio:	built in microphone and speaker, stereo headset jack
I/O Ports:	Full speed USB 1.1 from cradle (or I/O cable); RS232 (115Kbps) from cradle
Application Software:	Honeywell Powertools [®] and Demos
Battery:	Li-Ion 3.7 V, 3300 mAh (12.2 Wh)
Expected hours of operation:	12 hours
Expected charge time:	Less than 6 hours
Imager/Scanner:	5300SR 2D imager with Adaptus 5.0 Technology and laser aimer
Decode Capabilities:	
2D:	Data Matrix (EC 000, 050, 080, 100, 140, 200), QR Code, PDF417, MicroPDF417, MaxiCode, Aztec, Aztec Mesas, Code 49, EAN-UCC Composite
Linear:	Code 39, Code 128, Codabar, I-2 of 5, UPC, and most other popular codes
Postal:	Postnet, Planet Code, British Post, Canadian Post, Japanese Post, KIX (Netherlands)

Wireless Connectivity:

WLAN:	Dual Mode 802.11 b/g (11Mbps/54 Mbps) with internal antenna
WLAN Security:	Wi-Fi certified, 802.1x, WPA2, EAP, WEP, LEAP, TKIP, MD5 EAP-TLS, WPA-PSK, PEAP, CCXv4
WPAN	Bluetooth [®] Class II (10 m) v2.0 Enhanced Data Rate (EDR) with on-board antenna. BQB certified

Mechanical/Environmental:

Dimensions:	200mm x 83mm x 42mm (7.8" x 3.3" x 1.7") at grip 61mm (2.4")	
Weight:	13.4 oz. (380 g) including battery pack and handstrap	
Operating Temperature:	14 ° F to 122 ° F (-10 ° C to 50 ° C)	
Storage Temperature:	-4 ° F to 158 ° F (-20 ° C to 70 ° C)	
Humidity:	95 % humidity, non-condensing	

Due InData Systems continuing product improvement programs, specifications and features herein are subject to change without notice



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