



LDS 6500

Hand Held Portable Terminal

InData Systems Interchangeable LDS 6500 with Interchangeable UV Shrouded Optic

InData Systems **LDS 6500** Portable Terminal is a lightweight and versatile mobile computer that provides advanced data collection and real time wireless communication as well as the ability to 'read what others cannot see' using InData Systems' patented covert **Light Delivery System**, an advanced technology developed as a result of over 20 years of experience in the area of covert barcode reading. 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** has all the features and benefits of the Portable Terminal *plus* the capability to see and decode invisible barcodes and capture invisible images using InData Systems interchangeable optic.



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** is the terminal of choice for a wide range of applications in retail, supply chain, and light industrial environments.

Lightweight, balanced and easy to use, the **LDS 6500** can be used in repetitive, high volume operations in even the most demanding environments. The tapered keypad fits easily in any hand, and the large color touch screen display is easy to see, allowing more of an application on a single screen. The **LDS 6500** can be programmed for a wide variety of applications and can transfer data easily to all popular PCs.

- large hi resolution color display
- integrated 802.11b/g technology
- new class leading microprocessor (Marvel XScale PXA300)
- scans applications continuously for 10 hours or more
- Adaptus Imaging technology 5.0



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6500LDS 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:	Reads standard 1D and 2D symbologies

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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