



LDS50-Dolphin

Hand Held Portable Terminal

InData Systems Self Contained LDS terminal with Covert Fixed Optic

InData Systems **LDS50-Dolphin** 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 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' **LDS50-Dolphin** 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.

Network and cellular connectivity are no longer barriers to the benefits of high-performance mobile applications. InData Systems' **LDS50-Dolphin** is designed to support the most advanced connected mobile user experiences, facilitating large file transfers and effective wireless connection to peripheral devices. Designed to optimally read and decode data matrix barcodes, the **LDS50-Dolphin** 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 had 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 covert fluorescing inks
- quick decoding of multiple code types
- new class leading microprocessor 2.26 Qualcomm Snapdragon
- scans applications continuously for 12 hours or more



InData Systems LDS50-Dolphin



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LDS50-Dolphin Technical Specifications

Specifications

System Architecture:

Processor:	2.26 GHz Qualcomm Snapdragon 801 quad-core
Operating System:	Windows 10 IoT Mobile Enterprise, Android 6.0 Marshmallow
Memory:	2 GB RAM, 16 GB Flash
Display:	119.4mm (4.7 in.) in High Definition (1280 x 720) bright color LCD with Backlight, outdoor viewable, optically bonded to touch panel
Keypad:	On-screen keypad, dual action side scan triggers, Volume up/down, Camera, Power Button
Audio:	Speaker, T3/M3 HAC-compliant, dual microphone support with noise cancellation, PTT support and Bluetooth [®] wireless headset support
I/O Ports:	Custom IO connector
Application Software:	Honeywell Powertools [®] , Demos, & optional DPM decoding for difficult bar codes
Battery:	Li-Ion 3.6 V, 4040 mAh with integrated battery diagnostics
Expected hours of operation:	12 + hours
Expected charge time:	Less than 6 hours
Imager/Scanner:	Next-generation 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:	(short) 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:

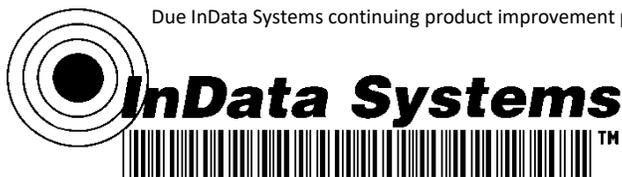
WLAN:	IEEE 802.11 a/b/g/n/ac; Wi-Fi certified
WLAN Security:	(Windows) OPEN, WEP, WPA2 (Personal and Enterprise) (Android) OPEN WEP, WPA2 (Personal and Enterprise)
WPAN	Bluetooth [®] Class 2 v4.0 Bluetooth
Cellular WWAN	GSM, HSPA, LTE, CDMA and other formats available by country and area

Mechanical/Environmental:

Dimensions:	206mm x 82.5mm x 19mm (8.1" x 3.2" x .75")
Weight:	13.0 oz. (368 g) including battery pack
Operating Temperature:	-4 ° F to 122 ° F (-20 ° C to 50 ° C)
Storage Temperature:	-22 ° F to 158 ° F (-30 ° C to 70 ° C)
Humidity:	0 - 95 % relative humidity, (non-condensing)



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



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