



## Ultra Violet (UV) 2D Bar Code Scanner Optics



InData Systems UV optic and LDS4620 with UV optics

### Features and Benefits

- ? Able to illuminate UV Fluorescing Inks
- ? Quick decoding of multiple code types
- ? Fixed, Hand Held or Portable usage
- ? Optional Cordless (Bluetooth) operation
- ? Rugged design for Pharmaceutical and Industrial applications

How do you track UV marked items after they have left the controlled production line? Machine mounted UV illuminating camera-based scanning systems are bulky and difficult to move around, let alone be carried by an operator. That was your ONLY choice – until now.

The InData Systems scanners using the InData Systems Patented UV optics are very easy to carry around and use. They utilize the Adaptus™ technology from Hand Held Products but uses near Ultra Violet Illumination and enhanced optics to be able to see the “invisible” bar code marks printed with UV fluorescing inks. The pharmaceutical, automotive and other “brand protection” industries have been using UV inks to mark items with marks that are not noticeable except when illuminated in Ultra Violet “Black Light” to trace lot and origin of the item. These marks are usually only read under special situations but the bulkiness and non-portability has restricted their widespread usage.

Our optics can be mounted on any of the InData Systems “Powered Socket” scanners including the LDS4600, LDS4800, LDS4620, FM450 and the Dolphin 9500. Consult the specific scanner data sheet for added



Pharmaceutical Vial with InData UV Scanner

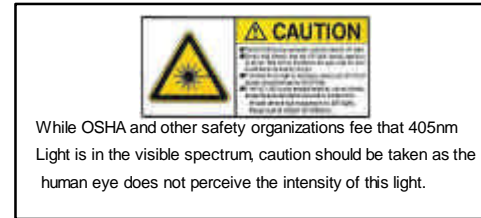
### Applications

# Technical Specifications

## Specifications

### Performance:

<b>Working Range:</b>	Contact to 0.5 inch (12mm) from end of Light Shield
<b>Resolution:</b>	Linear barcodes with a minimum 5 mil narrow element, ½ inch length max. 2D bar codes - 3mm DataMatrix, etc., smaller depending on printing process.
<b>Rotational Sensitivity:</b>	360°
<b>Ambient Light:</b>	Total darkness to 100 lux
<b>Illumination Wavelength:</b>	405 nm - near UV



### Symbologies:

<b>2D:</b>	Data Matrix (ECC 000, 050, 080,100,140, 200), QR Code, Micro-PDF417 and Aztec
<b>Linear:</b>	Code 39, Code 128, Codabar, I-2of5, UPC and most other popular codes
<b>OCR Fonts:</b>	OCR-A, OCR-B, OCR-Semi and some others
<b>Interfaces:</b>	RS232, Keyboard Wedge, and HHLC (Code 128 Emulation)
<b>Programmable Options:</b>	Baud, Parity, Extensive Data Formatting, and Code Options



***MACHINE MOUNT, BATTERY OPERATED AND  
CORDLESS VERSIONS ARE AVAILABLE***

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



FM450 Fixed Mount scanner  
With UV Optic



Cordless LDS4620  
(Bluetooth)

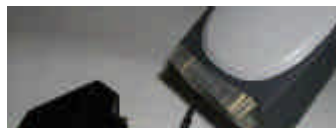


Corded LDS4600  
(tethered)



Portable Wireless 9500 Terminal  
Dolphin with 802.11b

Interchangeable IIV



Ultra Violet barcode