

## InData Systems UV optic



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 use 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 information.

Our cordless battery-powered operation offers unlimited choices. The use of InData Systems’ illumination optics on self-contained portable data terminals based on Hand Held Products 9500 further extend the industries mobility and capabilities.

## Features and Benefits

- Illuminates 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



**Pharmaceutical Vial with InData UV Scanner**

## Applications

- Pharmaceutical Vials
- Security Marked items
- Consumer product sub-assemblies
- Brand Protection Marking

**Contact your Local InData Systems  
Distributor for more information!**

27 Fennell Street • Skaneateles, NY 13152  
Phone: (315) 685-8311 • Fax (315) 685-8312  
Internet: [www.directpartmark.com](http://www.directpartmark.com)

# Technical Specifications

## Specifications

### Performance:

**Working Range:** Contact to 0.5 inch (12mm) from end of Light Shield  
**Resolution:** 2D bar codes – ½” DataMatrix, (10 mil bars)  
Linear barcodes with a minimum 5 mil narrow element, ½ inch length max.

**Rotational Sensitivity:** 360°

**Ambient Light:** Total darkness to 100 lux

**Illumination Wavelength:** 405 nm - near-UV (others on special)



While OSHA and other safety organizations feel that 405nm Light is in the visible spectrum, caution should be taken as the human eye does not perceive the intensity of this light.

### Symbologies:

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



LDS 4600



LDS 9500



Ultra Violet barcode and text viewable with UV optics



FM 450



LDS 4620

InData LDS Products with UV Optic

\*\* All InData Systems Products carry a standard 1 year warranty against defects in manufacturing

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