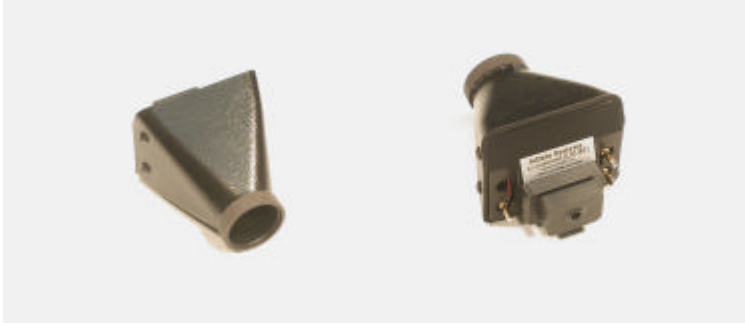




Family of Covert Shrouded Optics

InData Systems Family of Covert Optics



Protect our economy, jobs and consumer health and safety with Brand Integrity. Fight Hi-tech counterfeiting with a hi-tech solution. Track covertly marked products with product authentication technology using InData Systems barcode scanners and our patented family of shrouded optics.

Attack brand abuse and put a stop to product diversion with InData Systems LDS barcode scanning systems designed to read and decode covertly marked product surfaces. Utilizing Adaptus™ technology from Honeywell, formerly Hand Held Products, a variety of handheld, fixed mount and Bluetooth Terminal barcode scanners work with InData Systems patented optics to see covertly marked fluorescing inks. Our optics' provide the necessary illumination to see "invisible" bar code marks. The pharmaceutical, automotive and other "brand protection" industries use fluorescing inks to mark items with marks that are invisible except when illuminated by a specific wavelength of light. These systems are used to trace lot and origin of an item to prevent the costly diversion of goods, in addition to counterfeit manufacture of goods, from fake purses and DVD's to counterfeit pharmaceuticals and medical supplies.

InData Systems' shrouded optics are interchangeable with any of the InData Systems Powered Socket scanners to provide a corded, cordless, fixed mount and wireless networked terminal solution. Consult the specific scanner data sheet for more information.

Features and Benefits

- Illuminates UV and IR fluorescing Inks
- Covert
- Interchangeable
- Quick decoding of multiple code types
- Fixed, hand held or portable usage
- Rugged design for Pharmaceutical and Industrial applications



InData Scanner and Ultraviolet fluorescing optic scanning a bottle cap marked with UV fluorescing ink

Applications

- pharmaceutical vials and packaging
- automotive parts
- baby formula
- electronic consumer goods
- batteries, light bulbs and extension cords

Contact your Local InData Systems Distributor for more information!

27 Fennell Street • Skaneateles, NY 13152
Phone: (315) 685-8311 • Fax (315) 685-8312
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Technical Specifications

Specifications

Performance:

Working Range:	Contact to 0.5 inch (12mm) from end of Light Shield
Resolution:	2D bar codes – ½” Data Matrix, (10 mil bars) Linear barcodes with a minimum 5 mil narrow element, ½ inch length max.
Rotational Sensitivity:	360° Field of view 5.5 inches (14 mm) square
Ambient Light:	Total darkness to 100 lux
Illumination Wavelength:	UV, IR, and others



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.

I8-LDS40G0UB0S - 405nm (near UV) optic for general purpose UV applications

I8-LDS40G0UF0S – 365nm (UV) optic high performance UV optic for many ribbons and inks

I8-LDS40G0UL0S – 375 nm (UV) optic high performance UV optic for many ribbons and inks

I8-LDS-40G0UG0S – Red Excitation/IR emission optic

I8-LDS40G0UH0S - HP ink compatible Red Excitation/IR emission with UV locator illumination

I8-LDS40G0UE0S – 870nm IR with filtering to read black on black printing

All above optics are RoHS compliant

I8-LDS4000PL0S – presentation mode for fixed mount use of UV 375



Examples of covert markings that fluoresce with the right kind of wavelength

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



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